

Curriculum Vitae

Dr Fabrice B. R. Parmentier

Idiomas

Idiomas: Francés (fluido), inglés (fluido), español (fluido), catalán (pasivo)

ÁREAS DE INVESTIGACIÓN

Psicología cognitiva (memoria, atención, distracción)

RESUMEN

Estudié Psicología y Ciencias de la Educación en la Universidad de Lieja (Bélgica) y me licencié en 1996 con la máxima distinción (nota media del último curso > 90%). A continuación realicé estudios de doctorado en la Universidad de Cardiff bajo la supervisión del profesor Dylan Jones, y obtuve mi doctorado en 2000. Tras un año más en Cardiff como investigador postdoctoral, fui contratado como profesor con contrato indefinido en la Universidad de Plymouth (Reino Unido), ascendiendo posteriormente a Senior Lecturer y a Reader (reconocido por la ANECA como el equivalente a un «Catedrático» en el sistema académico español). Mientras trabajaba en la Universidad de Plymouth, completé un curso de postgrado sobre Aprendizaje y Enseñanza en la Educación Superior. En 2008, me incorporé al Departamento de Psicología de la Universidad de las Islas Baleares como becario Ramón y Cajal. En 2013 pasé a ser «profesor contratado doctor interino» antes de ser titular en diciembre de 2015 como «profesor contratado doctor» y convertirme en «Catedrático de Universidad» el 5 de octubre de 2016.

Soy autor de 238 contribuciones científicas, incluidos 76 artículos JCR revisados por pares en el campo de la psicología experimental (memoria a corto plazo y atención) publicados en revistas de alto factor de impacto (el 47% de mis artículos están publicados en revistas Q1, el 36% en revistas Q2). Mi índice h es de 29 según Scopus (36 según Google Scholar). Me han concedido un total de 20 proyectos de investigación competitivos del Reino Unido, Australia, Suecia, Portugal y España, por un importe total estimado de más de 2,5 millones de euros.

Mi experiencia docente incluye docencia de grado y posgrado en los campos de la psicología cognitiva, la percepción, la atención y los métodos de investigación.

Cargo actual, acreditaciones, formación y titulaciones

Puestos

05-10-2016-presente	Full Catedrático de Psicología Experimental, Universitat de les Illes Balears Islas Baleares, España («Catedrático de Universidad»). Miembro del grupo de investigación Neuropsicología y Cognición (www.neurocog-uib.com), del Instituto de Investigación en Ciencias de la Salud (iUNICS) de la Universidad de las Islas Baleares, y del Instituto de Investigación Sanitaria de las Islas Baleares (IdISBa).
2012-presente	Profesor titular adjunto. School of Psychology, University of Western Australia (honorary position).
2021-present	Visiting Fellow en el Department of Psychology, Bournemouth University, UK (honorary position).

Acreditaciones Nacionales

- **Certificado I3**
12 Dec 2012 (Ministerio de Economía y Competitividad)
- **ANECA:**
Catedrático de Universidad
Profesor Titular de Universidad
Profesor Contratado Doctor
23 Mar 2012 (Ministerio de Educación, Cultura y Deporte)

Reconocimientos Nacionales a la Experiencia

- **4 “Sexenios”** (fecha de entrada en vigor: 01/01/2018)
- **4 “Quinquenios”**

Cargos académicos anteriores

- 2015-2016 Profesor contratado doctor, Universidad de las Islas Baleares Islas Baleares
- 2013-2015 Profesor Contratado Doctor Interino, Universidad de las Islas Baleares
- 2008- 2013 Becario Ramón y Cajal, Universidad de las Islas Baleares (Competitivo concedida por el Ministerio de Economía y Competitividad de España).
- 2005-2008 Reader in Cognitive Psychology, School of Psychology, University of Plymouth.
Director del MSc in Psychological Research Methods.
- 2000-2005 Lecturer / Senior Lecturer, School of Psychology, University of Plymouth.
- 1999-2003 Associate Member of Staff at the School of Psychology, Cardiff University, Wales, Reino Unido.

- 1999-2000 Research Associate en la Cardiff University, School of Psychology. Task switching (Proyecto financiado por UK's Defence Evaluation and Research Agency, Ministry of Defence).
- July 1995 Colaborador en investigación (como undergraduate student). University of Liège, Belgium.

Cargos honoríficos anteriores

- 2013-2019 Profesor visitante en la University of Bournemouth, UK (honorary position).
- 2005-2012 External Research Associate. School of Psychology, University of Western Australia.

Titulaciones

- 2002 Postgraduate certificate in Learning and Teaching in Higher Education, University of Plymouth
- 2000 PhD, Psychology, Cardiff University. Functional characteristics of auditory spatial serial short-term memory. (Supervisió: Prof. D. M. Jones. O.B.E.)
- 1996 Licenciado en Psicología ('Licence': 5 years degree) – with 'highest distinction' (90%-100%), University of Liège, Belgium. Curso final en Cardiff University como estudiante Erasmus

Experiencia Investigadora

PRODUCTIVIDAD

(Scopus) (07/11/2024)

h-index 29
Citas 2403

Contribuciones totales 238

Publicaciones	83	Artículos	76	Q1	47%
Ponencias invitadas	22	Capítulos de libro	5	Q2	36%
Comunicaciones	53	Informes técnicos	2	Q3	13%
Pósteres	80			Q4	0%
				No IF yet	4%

ORCID: <https://orcid.org/0000-0001-7439-0097>

Publons: <https://publons.com/researcher/2810103/fabrice-b-r-parmentier/>

Researchgate: <https://www.researchgate.net/profile/Fabrice-Parmentier>

PROYECTOS DE INVESTIGACIÓN

- 2022-2023 Ayuda de investigación de la Experimental Psychological Society (EPS). Inhibition of eye-movement control by unexpected sounds (9900 GBP / 11970 EUR). Vasilev, M. R., Parmentier, F. B. R., Nuthmann, A., Kirkby, J. A.
- 2021-2025 Proyecto de investigación del Ministerio español de Ciencia e Innovación. Extending our knowledge of distraction by unexpected sounds (EKDUS)

- (PID2020-114117GB-100) (145200 EUR). Parmentier, F. B. R., Hórvath, J. G., Vasilev, M. R., Kirkby, J. A., & Leiva, A.
- 2015-2018 Beca de investigación del Ministerio de Economía y Competitividad de España..
Toward a more integrative understanding of distraction by unexpected sounds (PSI2014-54261-P) (181500 EUR) **(solicitante único)**
** El mayor proyecto de psicología financiado en todo el país en el marco de la convocatoria de 2014 de propuestas de investigación fundamental*
 - 2015-2017 Proyecto de Bial Foundation, with García-Toro, M., Andrés, P., García-Campayo, J., & Gili, M.. A study of the relationship between mindfulness, distraction and brain stimulation. (47500 EUR) **(investigador principal)**
 - 2014-2016 Subvención del Gobierno de las Islas Baleares para la contratación de la Dra Antonia Pilar Pacheco-Unguetti como becaria postdoctoral (régimen competitivo) 75000 EUR (Ref PD/018/2013).
 - 2012-2016 Research grant del Swedish Research Council (Vetenskapsrådet) con Ljungberg, J. K., Jones, D. M., & Neely, G. *An empirical investigation of distraction by vibratory and auditory signals.* (3352000 SEK = 370596 EUR)
 - 2012-2016 Research grant del Swedish Council for Working Life and Social Research (Forskningsrådet för arbetsliv och socialvetenskap) con Ljungberg, J. K., Jones, D. M., Neely, G., & Agren, A. *Warning! Investigating what auditory alarms affect attention and performance in complex settings.* (4418000 SEK = 488453 EUR)
 - 2012-2014 Ayuda de investigación de Fundació La Marató TV3. con Barceló, F., Andrés, P., Prada, L., & Oliver, M. *Novel neuropsychological assessment of frontal lobe lesions based on the hypothesis of dynamic neuroplasticity and compensation.* (199065 EUR)
 - 2010 Ayuda de equipamiento del Gobierno de las Islas Baleares para la instalación del laboratorio de Psicología cognitiva (10 000 Euros) **(solicitante único)**
 - 2009-2012 Proyecto de investigación del Ministerio español de Ciencia e Innovación.. *An empirical study of behavioral distraction by auditory novelty: Towards a new theoretical model.* (PSI2009-08427) (173 756 EUR) **(solicitante único)**
** 4º mayor proyecto de psicología financiado en todo el país en la convocatoria de 2009 de propuestas de investigación fundamental*
 - 2009 Subvención del Gobierno de las Islas Baleares (“*Acció Especial de Recerca*”) para la organización de tres seminarios de investigación. (3315 EUR) **(solicitante único)**
 - 2008-2009 Proyecto del Economic & Social Research Council (UK). *How do people with dyslexia remember visuo-spatial information.* With Bacon, A. (main applicant) (99 798 GBP)
 - 2007-2009 Proyecto del Economic & Social Research Council (UK). *How are verbal and spatial features integrated in working memory.* (RES-062-23-0241) (271860 GBP) **(solicitante único)**
 - 2007-2009 Proyecto del Ministerio español de Ciencia y Educación.
Cognitive set effects of brain responses to novelty: An integrated ERP and fMRI investigation. Con Escera (main applicant), Núñez, Tubau, Domínguez, San Miguel, García, y Hermann. Ministerio de Educación y Ciencia. (71 000 EUR)
 - 2007-2010 Proyecto del Australian Research Council. Working Memory
Beyond Dissociations: The Binding of Spatial and Nonspatial Features in the Retention of Visual and Auditory Information. Australian Research

- Council. With Maybery (main applicant), Van Valkenburg, Jones & Kubovy (187 000 AU\$)
- 2006-2008 Proyecto del Ministerio español de Ciencia y Educación.
Characterization of the spatio-temporal patterns of cerebral activity in the processing of integrated information in Working Memory. With Campo (main applicant), Ruiz, Marín, García-Morales y Escribano. Ministerio de Educación y Ciencia. (95 000 EUR)
- 2005 Proyecto del British Academy. *Role of working memory in attention capture.* Visit to the University of Barcelona (Cognitive Neuroscience Research Group). (4675 GBP) **(solicitante único)**
- 2005-2007 Proyecto del Economic & Social Research Council (UK). *Study of the suffix effect in visuo-spatial short-term memory.* (RES-000-22-1235) (47698 GBP) **(solicitante único)**
- 2004-2006 Proyecto del Australian Research Council, con Dr Maybery (main applicant) & Prof. Jones. *Binding in working memory.* (135000 AU\$)
- 2003-2005 Proyecto del Economic & Social Research Council (UK). *Effects of configural characteristics on memory for visuo-spatial sequences.* (RES-000-22-0233) (40000 GBP) **(solicitante único)**

PUBLICACIONES: ARTÍCULOS EN REVISTAS INTERNACIONALES REVISADAS POR PARES

IF: Factor de impacto basado en ISI JCR para el año de publicación o el último disponible

Q: Cuartil de las revistas de Psicología Experimental (salvo que se indique lo contrario)

R: Clasificación entre las revistas de Psicología Experimental (salvo que se indique lo contrario)

76. García-López, E., & Parmentier, F. B. R. (2024). Distraction by unexpected sounds: comparing response repetition and response switching. *Frontiers in Psychology*, 15:1451008. doi: 10.3389/fpsyg.2024.1451008
75. Sabu, S., Parmentier, F. B. R., & Horváth, J. (2024). Involuntary motor responses are elicited by both rare sounds and rare pitch changes. Manuscript in press in *Scientific Reports*.
[IF=3.8, Q1, R=25/134, Multidisciplinary Sciences]
74. Parmentier, F. B. R., English, M., & Maybery, M. T. (2024, May 7). Auditory context-dependent distraction by unexpected visual stimuli. *Psychonomic Bulletin & Review*. doi: 10.3758/s13423-024-02527-y
[IF=3.2, Q1, R=14/99]
73. Vasilev, M. R., Lowmann, M., Bills, K., Parmentier, F. B. R., & Kirkby, J. A. (2023, July 14). Unexpected sounds inhibit the movement of the eyes during reading and letter scanning. *Psychophysiology*, 023;00:e14389. <https://doi.org/10.1111/psyp.14389>.
[IF=2.9, Q1, R=20/99]
72. Weise, A., Hartmann, T., Parmentier, F. B. R., Weisz, N., & Ruhnau, P. (2023, May 29th). Involuntary shifts of spatial attention contribute to behavioral crossmodal distraction: Evidence from oscillatory alpha power and reaction time data. *Psychophysiology*, 00:e14353. <http://doi.org/10.1111/psyp.14353>
[IF=2.9, Q1, R=20/99]

- 71 **Parmentier, F. B. R.**, Gallego, L., Micucci, A., Leiva, A., Andrés, P., & Maybery, M. T. (2022). Distraction by deviant sounds is modulated by the environmental context. *Scientific Reports*, 12, 21447. <https://doi.org/10.1038/s41598-022-25500-y>
[IF=4.6, Q2, R=22/73, Multidisciplinary Sciences]
- 70 **Parmentier, F. B. R.**, Leiva, A., Andrés, P., Maybery, M. T. (2022) Distraction by violation of sensory predictions: Functional distinction between deviant sounds and unexpected silences. *PLoS ONE* 17(9): e0274188. <https://doi.org/10.1371/journal.pone.0274188>
[IF=3.752, Q2, R=28/155, Multidisciplinary Sciences]
70. Causse, M., Parmentier, F. B. R., Mouratille, D., Thibaut, D., Kisselenko, M., & Fabre, E. (2022). Busy and confused? High risk of missed alerts in the cockpit: An electrophysiological study. *Brain Research*, 1793, 148035. <https://doi.org/10.1016/j.brainres.2022.148035>.
[IF=3.610, Q3, R=155/274, Neurosciences]
69. Leiva, A., Andrés, P., & **Parmentier, F. B. R.** (2021) Aging Increases Cross-Modal Distraction by Unexpected Sounds: Controlling for Response Speed. *Front. Aging Neurosci.* 13:733388. doi: 10.3389/fnagi.2021.733388
[IF=5.570, Q1, R=67/275, Neurosciences]
68. Ricci-Cabello, R., Yañez, A. M., Fiol de Roque, M. A., Leiva, A., Llobera Canaves, J., **Parmentier, F. B. R.**, & Valderas, J. M. (2021). Assessing the impact of multi-morbidity and related constructs on patient reported safety in Primary Care: generalized structural equation modelling of observational data. *Journal of Clinical Medicine*, 10(8), 1782. doi: 10.3390/jcm10081782
[IF=4.964, Q1, R=55/172, Medicine, General & Internal]
67. Vasilev, M. R., **Parmentier, F. B. R.**, & Kirkby, J. A. (2021). Distraction by auditory novelty during reading: Evidence for disruption in saccade planning, but not saccade execution. Article in press in *Quarterly Journal of Experimental Psychology*, 74(5), 826-842. doi: 10.1177/1747021820982267
[IF=2.138, Q3, R=65/91]
66. **Parmentier, F. B. R.**, & Gallego, L. (2020). Is deviance distraction immune to the prior sequential learning of stimuli and responses? *Psychonomic Bulletin & Review*, 27, 490-497. doi: 10.3758/s13423-020-01717-8
[IF=4.412, Q1, R=17/91]
65. **Parmentier, F. B. R.**, Fraga, I., Ferré, P., & Leiva, A. (2020). Distraction by deviant sounds - Disgusting and neutral words capture attention to the same extent. *Psychological Research*, 84(7), 1801-1814. doi: 10.1007/s00426-019-01192-4
[IF=2.329, Q2, R=32/85]
64. **Parmentier, F. B. R.**, Mauro-García, M., García-Campayo, J., Yanez, A. M., Andrés, P., & Gili-Planas, M. (2019). Mindfulness and symptoms of depression and anxiety in the general population: The mediating roles of worry, rumination, reappraisal and suppression. *Frontiers in Psychology*, 10:506. doi: 10.3389/fpsyg.2019.00506
[IF=2.067, Q2, R=45/138, Psychology, Multidisciplinary]

63. **Parmentier, F. B. R.**, Vasilev, M. R., & Andrés, P. (2019). Surprise as an explanation to auditory novelty distraction and post-error slowing. *Journal of Experimental Psychology: General*, 148(1), 192-200. doi: 10.1037/xge0000497
[IF=4.107, Q1, R=16/89]
62. Vasilev, M. R., **Parmentier, F. B. R.**, Angele, B., & Kirkby, J. A. (2019). Distraction by deviant sounds during reading: An eye-movement study. *Quarterly Journal of Experimental Psychology*, 72(7), 1863-1875. doi: 10.1177/1747021818820816
[IF=2.077, Q2, R=41/89]
61. **Parmentier, F. B. R.**, Pacheco-Unguetti, A. P., & Valero, S. (2018). Food words distract the hungry: Evidence of involuntary semantic processing of task-irrelevant but biologically-relevant unexpected auditory words. *PLoS ONE* 13(1): e0190644. doi: 10.1371/journal.pone.0190644
[IF=2.806, Q1, R=24/124, Multidisciplinary Sciences]
60. **Parmentier, F. B. R.**, Comesaña, M., & Soares, A. P. (2017). Disentangling the effects of word frequency and contextual diversity on serial recall performance. *The Quarterly Journal of Experimental Psychology*, 70(1), 1-17. doi: 10.1080/17470218.2015.1105268
[IF=2.488, Q2, R=28/88]
59. Leiva, A., Andrés, P., Servera, M., Verbruggen, F., **Parmentier, F.B.R.** (2016). The role of age, working memory and response inhibition in deviance distraction: a cross-sectional study. *Developmental Psychology*, 52(9), 1381-1393.
[IF= 3.116, Q1, R=16/69, Developmental Psychology]
58. **Parmentier, F. B. R.** (2016). Deviant sounds yield distraction irrespective of the sounds' informational value. *Journal of Experimental Psychology: Human Perception and Performance*, 42(6), 837-846. doi: 10.1037/xhp0000195
[IF= 2.425, Q2, R=26/85]
57. Pacheco-Unguetti, A. P., & **Parmentier, F. B. R.** (2016). Happiness increases distraction by auditory deviant stimuli. *British Journal of Psychology*, 107(3), 419-433. doi: 10.1111/bjop.12148
[IF= 3.139, Q1, R=19/129, Psychology, Multidisciplinary]
56. Pacheco-Unguetti, A. P., Gelabert, J. M., & **Parmentier, F. B. R.** (2016). Can auditory deviant stimuli temporarily suspend cognitive processing? Evidence from patients with anxiety. *The Quarterly Journal of Experimental Psychology*, 69(1), 150-160. doi: 10.1080/17470218.2015.1031145
[IF=2.130, Q2, R=36/85]
55. Leiva, A., Andrés, P., & **Parmentier, F. B. R.** (2015). When aging does not increase distraction: Evidence from pure auditory and visual oddball tasks. *Journal of Experimental Psychology: Human Perception and Performance*, 41(6), 1612-1622. doi: 10.1037/xhp0000112
[IF= 2.425, Q2, R=26/85]
54. Leiva, A., **Parmentier, F. B. R.**, Elchlepp, H., & Verbruggen, F. (2015). Reorienting the mind: The impact of novel sounds on go/no-go performance. *Journal of Experimental Psychology: Human Perception and Performance*, 41(5), 1197-1202. doi:

10.1037/xhp0000111

[IF= 2.425, Q2, R=26/85]

53. **Parmentier, F. B. R.**, & Kefauver, M. (2015). The semantic aftermath of distraction by deviant sounds: Crosstalk interference is mediated by the predictability of semantic congruency. *Brain Research*, 1626, 247-257. doi: 10.1016/j.brainres.2015.01.034
[IF= 2.561, Q3, R=143/252, Neurosciences]
52. **Parmentier, F. B. R.**, & Beaman, C. P. (2015). Contrasting effects of changing rhythm and content on auditory distraction in immediate memory. *Canadian Journal of Experimental Psychology*, 69, 28-38. doi: 10.1037/cep0000036
[IF=1.453, Q3, R=61/85]
51. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2015). Distraction by deviance: Comparing the effects of auditory and visual deviant stimuli on auditory and visual target processing. *Experimental Psychology*, 62(1), 54-65. doi: 10.1027/1618-3169/a000273
[IF=2.000, Q2, R=41/85]
50. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2015). Aging increases distraction by auditory oddballs in visual, but not auditory tasks. *Psychological Research*, 79(3), 401-410. doi: 10.1007/s00426-014-0573-5
[IF=2.681, Q2, R=23/85]
49. Elsley, J. V., & **Parmentier, F. B. R.** (2015). The asymmetry and temporal dynamics of incidental letter-location bindings in working memory. *The Quarterly Journal of Experimental Psychology*, 68(3), 433-441. doi: 10.1080/17470218.2014.982137
[IF=2.130, Q2, R=36/85]
48. Pérez, L., Padilla, C., **Parmentier, F. B. R.**, & Andrés, P. (2014, July 10th). The effects of chronic exercise on attentional networks. *PlosONE*. doi: 10.1371/journal.pone.0101478
[IF=3.234, Q1, R=8/56, Multidisciplinary Sciences]
47. **Parmentier, F. B. R.** (2014). The cognitive determinants of behavioral distraction by deviant auditory stimuli: A review. *Psychological Research*, 78, 321-338. doi: 10.1007/s00426-013-0534-4
[IF=2.863, Q2, R=22/85]
46. Mayas, J., **Parmentier, F. B. R.**, Andrés, P., & Ballesteros, S. (2014, March 19). Plasticity of attentional functions in older adults after non-action video game training: A randomized controlled trial. *PlosONE*. doi: 10.1371/journal.pone.0092269
[IF=3.234, Q1, R=8/56, Multidisciplinary Sciences]
45. **Parmentier, F. B. R.**, Turner, J., & Perez, L. (2014). A dual contribution to the involuntary semantic processing of unexpected spoken words. *Journal of Experimental Psychology: General*, 143, 38-45. doi:10.1037/a0031550
[IF=5.929, Q1, R=3/85]
44. Pacheco-Unguetti, A. P., & **Parmentier, F. B. R.** (2014). Sadness increases distraction by auditory deviant stimuli. *Emotion*, 14, 203-213. doi: 10.1037/a0034289
[IF=3.383, Q1, R=11/85]

43. Ljungberg, J., **Parmentier, F. B. R.**, Jones, D. M., Marsja, E., & Neely, G. (2014). 'What's in a name?' 'No more than when it's mine own'. Evidence from auditory oddball distraction. *Acta Psychologica*, 150, 161-166. doi: 10.1016/j.actpsy.2014.05.009
[IF=2.248, Q2, R=31/83]
42. Padilla, C., Pérez, L., Andrés, P., & **Parmentier, F. B. R.** (2013). Exercise improves cognitive control: Evidence from the Stop-Signal task. *Applied Cognitive Psychology*, 27, 505-511. doi : 10.1002/acp.2929
[IF=1.414, Q3, R=58/83]
41. Li, B., **Parmentier, F. B. R.**, & Zhang, M. (2013). Behavioral distraction by auditory deviance is mediated by the sound's informational value: Evidence from an auditory discrimination task. *Experimental Psychology*, 60, 260-268. doi: 10.1027/1618-3169/a000196
[IF=1.950, Q2, R=36/83]
40. **Parmentier, F. B. R.**, & Hebrero, M. (2013). Cognitive control of involuntary distraction by deviant sound. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 39, 1635-1641. doi: 10.1037/a0032421
[IF=3.098, Q1, R=17/83]
39. Li, B., **Parmentier, F. B. R.**, Wang, A., Hu, W., & Zhang, M. (2013). The modulation of auditory-visual deviant distraction by working memory load: Evidence from periphery visual cue with different validity. *Acta Psychologica Sinica*, 45, 263-275. in Chinese]. doi : 10.3724/SP.J.1041.2013.00263
38. Bacon, A. M., **Parmentier, F. B. R.**, & Barr, P. (2013). Visuospatial memory in dyslexia: Evidence of strategic deficits. *Memory*, 21, 189-209. doi: 10.1080/09658211.2012.718789
[IF=1.714, Q3, R=46/83]
37. Tremblay, S., **Parmentier, F. B. R.**, Hodgetts, H., Hugues, R. W., & Jones, D. M. (2012). Disruption of verbal-spatial serial memory by extraneous air-traffic speech. *Journal of Applied Research in Memory & Cognition*, 1, 73-79. doi: 10.1016/j.jarmac.2012.04.004
[new journal, no IF yet].
36. Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). Cross-modal distraction by deviance: Functional similarities between the auditory and tactile modalities. *Experimental Psychology*, 59, 355–363. doi: 10.1027/1618-3169/a000164
[IF=1.921, Q2, R=36/83]
35. Ljungberg, J. K., **Parmentier, F. B. R.**, Leiva, A., & Vega, N. (2012). The informational constraints of behavioral distraction by unexpected sounds: The role of event information. *Journal of Experimental Psychology: Learning, Memory & Cognition* 38, 1461–1468. doi: 10.1037/a0028149
[IF=2.918, Q1, R=15/83]
34. Li, B., **Parmentier, F. B. R.**, & Zhang, M. (2012). The influence of event and temporal information on novelty distraction: Evidence from cross-modal and pure auditory oddball tasks. *Advances in Psychological Science*, 20, 815-824. (in Chinese) doi: 10.3724/SP.J.1042.2012.00815

33. Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). The impact of intonation and valence on objective and subjective attention capture by auditory alarms. *Human Factors*. doi: 10.1177/0018720812438613
[IF=1.182, Q3, R=39/73, Applied Psychology]
32. Ljungberg, J. K., **Parmentier, F. B. R.**, Hughes, R. W., Macken, W. J., & Jones, D. M. (2012). Listen Out! Behavioral and subjective responses to verbal warnings. *Applied Cognitive Psychology*, 26, 451-461. doi: 10.1002/acp.2818.
[IF=1.469, Q3, R=54/83]
31. **Parmentier, F. B. R.**, Ljungberg, J. K., Elsley, J. V., & Lindkvist, M. (2011). A behavioral study of distraction by vibrotactile novelty. *Journal of Experimental Psychology: Human Perception & Performance*, 37, 1134-1139. doi: 10.1037/a0021931
[IF= 3.061, Q1, R=16/84]
30. **Parmentier, F. B. R.**, Elsley, J. V., Andrés, P., & Barceló, F. (2011). Why are auditory novels distracting? Contrasting the roles of novelty, violation of expectation and stimulus change. *Cognition*, 119, 374–380. doi: 10.1016/j.cognition.2011.02.001
[IF=3.162, Q1, R=13/84]
29. **Parmentier, F. B. R.**, Turner, J., & Elsley, J. V. (2011). Distraction by auditory novelty: The course and aftermath of novelty and semantic effects. *Experimental Psychology*, 58, 92-101. doi: 10.1027/1618-3169/a000072
[IF=2.222, Q2, R=28/84]
28. Ljungberg, J. K., & **Parmentier, F. B. R.** (2010). Psychological effects of combined noise and whole-body vibration: a review and avenues for future research. *Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering*, 224, 1289-1302. doi: 10.1243/09544070JAUTO1315 (**Journal's top 2010 article download**)
[IF=0.441, Q3, R=82/122, Mechanical Engineering].
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23. Campo, P., Poch, C., **Parmentier, F. B. R.**, Stephan Moratti, S., Elsley, J. V., Castellanos, N., Ruiz-Vargas, J. M., del Pozo, F., & Maestú, F. (2010). Oscillatory activity in prefrontal and posterior regions during implicit letter-location binding. *Neuroimage*, *49*, 2807-2815. doi: 10.1016/j.neuroimage.2009.10.024
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22. **Parmentier, F. B. R.**, & Andrés, P. (2010). The involuntary capture of attention by sound: Novelty and post-novelty distraction in young and older adults. *Experimental Psychology*, *57*, 68-76. doi : 10.1027/1618-3169/a000009
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19. **Parmentier, F. B. R.** (2008). Towards a cognitive model of distraction by auditory novelty: The role of involuntary attention capture and semantic processing. *Cognition*, *109*, 345-362. doi: 10.1016/j.cognition.2008.09.005
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18. **Parmentier, F. B. R.**, & Maybery, M. T. (2008). Equivalent effects of grouping by time, voice and location on response timing in verbal serial memory. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *34*, 1349-1355. doi: 10.1037/a0013258.
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17. **Parmentier, F. B. R.**, Maybery, M. T., Huitson, M., & Jones, D. M. (2008). The perceptual determinants of repetition learning in auditory space. *Journal of Memory & Language*, *58*, 978-997. doi: 10.1016/j.jml.2008.02.001
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16. **Parmentier, F. B. R.**, Elford, G., Escera, C., Andrés, P., & San Miguel, I. (2008). The cognitive locus of distraction by acoustic novelty in the cross-modal oddball task. *Cognition*, *106*, 408-432. doi: 10.1016/j.cognition.2007.03.008
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15. Andrés, P., Van der Linden, M., & **Parmentier, F. B. R.** (2007). Directed forgetting in frontal patients' episodic recall. *Neuropsychologia*, *45*, 1355-1362. doi: 10.1016/j.neuropsychologia.2006.09.012
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13. Andrés, P., **Parmentier, F. B. R.**, & Escera, C. (2006). The effect of age on the involuntary capture of attention by irrelevant sounds: *A test of the frontal hypothesis of aging*. *Neuropsychologia*, *44*, 2564-2568. doi: 10.1016/j.neuropsychologia.2006.05.005
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12. Tremblay, S., **Parmentier, F. B. R.**, Guérard, K., Nicholls, A., & Jones, D. M. (2006). A spatial modality effect in serial memory. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *32*, 1208-1215. doi: 10.1037/0278-7393.32.5.1208
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11. **Parmentier, F. B. R.**, King, S., & Dennis, I. (2006). Local temporal distinctiveness does not benefit auditory verbal and spatial serial recall. *Psychonomic Bulletin & Review*, *13*, 458-465. doi: 10.3758/BF03193870
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10. **Parmentier, F. B. R.**, Andrés, P., Elford, G., & Jones, D. M. (2006). Organisation in visuo-spatial serial memory: Interaction of temporal order with spatial and temporal grouping. *Psychological Research*, *70*, 200-217. doi : 10.1007/s00426-004-0212-7
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9. Tremblay, S., Nicholls, A., **Parmentier, F. B. R.**, & Jones, D. M. (2005) Visual distraction and visuo-spatial memory: A sandwich effect. *Memory*, *13*, 357-363. doi: 10.1080/09658210344000422
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8. **Parmentier, F. B. R.**, Elford, G., & Maybery, M. T. (2005). Transitional information in spatial serial memory: Path characteristics affect recall performance. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *31*, 412-427. doi: 10.1037/0278-7393.31.3.412
[IF=2.812, Q1, R=13/98]
7. Andrés, P., Van der Linden, M., & **Parmentier F. B. R.** (2004) Directed forgetting in working memory: Age related differences. *Memory*, *12*, 248-256. doi: 10.1080/09658210244000612
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6. **Parmentier, F.B.R.**, Maybery, M., & Jones, D.M. (2004) Temporal grouping in auditory spatial serial memory. *Psychonomic Bulletin & Review*, *11*, 501-507. doi: 10.3758/BF03196602
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5. **Parmentier, F. B. R.**, Tremblay, S., & Jones, D. M. (2004) Exploring the suffix effect in serial visuo-spatial short-term memory. *Psychonomic Bulletin & Review*, *11*, 289-295. doi: 10.3758/BF03196572
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4. Maybery, M. T., **Parmentier, F. B. R.**, & Clissa, P. (2003). Retention of order and the binding of verbal and spatial information in short-term memory: Constraints for proceduralist accounts. *Behavioral and Brain Sciences*, 26, 748-748. doi: 10.1017/S0140525X03430161 [IF=10.625, Q1, R=1/16, Biological Psychology]
3. Maybery, M. T., **Parmentier, F. B. R.**, & Jones, D. M. (2002). Grouping of list items reflected in the timing of recall: Implications for models of serial verbal memory. *Journal of Memory & Language*, 47, 360-385. doi: 10.1016/S0749-596X(02)00014-1 [IF=2.081, Q1, R=15/66]
2. Farrand, P., **Parmentier, F. B. R.**, & Jones, D. M. (2001). Temporal-spatial memory: Retrieval of spatial information does not reduce recency. *Acta Psychologica*, 106, 285-301. doi: 10.1016/S0001-6918(00)00054-8 [IF=1.330, Q2, R=31/64]
1. **Parmentier, F. B. R.**, & Jones, D. M. (2000). Functional characteristics of auditory temporal-spatial memory: Evidence from serial order errors. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 26, 222-238. doi: 10.1037/0278-7393.26.1.222 [IF=2.021, Q1, R=16/64]

PUBLICACIONES: CAPÍTULOS DE LIBRO

5. Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). Attention capture by tactile and auditory deviance. Thule. Kungliga Skytteanska Samfundets årsbok.
4. **Parmentier, F. B. R.** (2011). Exploring the determinants of visuo-spatial serial memory. In Vandierendonck & Dr A. Szmalec (Eds). *Current issues in memory: Visuo-spatial working memory*. Hove, UK: Psychology Press.
3. Poch, C., Campo, P., **Parmentier, F. B. R.**, Elsley, J. V., del Pozo, F., & Maestú, F. (2010). Oscillatory activity in prefrontal cortex during implicit letter-location binding. *IFMBE Proceedings*, 28, 350-353.
2. Hodgetts, H.M., Farmer, E.W., Joose, M., **Parmentier, F. B. R.**, Schaefer, D., Hoogeboom, P., van Gool, M., & Jones, D.M. (2005). The effects of party line communication on flight task performance. In D. de Waard, K. Brookhuis, R. van Egmond, and T. Boersema (Eds.), *Human Factors in Design, Safety, and Management*, (pp. 327-338). Maastricht, Netherlands: Shaker publishing.
1. **Parmentier, F. B. R.**, Andrés, P., Macken, W., & Jones, D. M. (2001). Task alternation in complex settings: cognitive issues. In D. Harris (Ed.), *Engineering psychology and cognitive ergonomics* (Vol. 6, pp. 239-246). Hants, England: Ashgate Publishing Limited.

PUBLICACIONES: INFORMES TÉCNICOS

2. Pope, D., Houghton, R. J., Jones, D. M., & **Parmentier, F. B. R.** (2003). Report on Work Package 2: Range of Tasks Affected by Irrelevant Sound. CARE Innovative Action – Cognitive Streaming Project. *Technical report for Eurcontrol*.

1. Pope, D., Houghton, R. J., Jones, D. M., **Parmentier, F. B. R.**, & Eric Farmer (2002). Report on Work Package 1: Possible Usefulness of Irrelevant Sound. CARE Innovative Action – Cognitive Streaming Project. *Technical report for Eurcontrol*.

CONFERENCIAS INVITADAS

22. **Parmentier, F. B. R.** (2019). Mechanisms of automatic attention: An overview of recent findings in behavioral distraction by unexpected sounds. Invited talk at the Institute for Psychology, Johannes Gutenberg University of Mainz, Germany, June 12th.
21. **Parmentier, F. B. R.** (2018). Why do unexpected sounds distract us? **Keynote address** at the 13th Annual Meeting of the Portuguese Association for Experimental Psychology, University of Minho, Braga, April 13th.
20. **Parmentier, F. B. R.** (2018). Why do unexpected sounds distract us? Keynote address at the 13th Annual Meeting of the Portuguese Association for Experimental Psychology, University of Minho, Braga, April 13th.
19. **Parmentier, F. B. R.** (2017). Behavioral distraction by unexpected sounds: Is it about action plan uncertainty? Invited talk at the Department of Psychology, Bournemouth University, June 14th.
18. **Parmentier, F. B. R.** (2016). Understanding distraction by deviant sounds: A brief review of empirical findings. Invited talk at the Faculty of Psychology, University of Santiago de Compostela, Feb. 10th.
17. **Parmentier, F. B. R.** (2014). Toward a better understanding of behavioral distraction by deviant sounds. Invited Talk at the Department of Psychology, Bournemouth University, June 4th.
16. **Parmentier, F. B. R.** (2013). A review of recent progress in understanding behavioural distraction by deviant sounds, Invited talk at the Workshop on Attention, deviance detection and prediction in auditory perception. Max Planck Institute for Human Cognitive and Brain Sciences, Potsdam, 12-14 December 2013.
15. **Parmentier, F. B. R.** (2013). The cognitive underpinnings of distraction by auditory deviance. Invited talk, School of Psychology, University of Plymouth, UK, 2nd October.
14. **Parmentier, F. B. R.** (2013). Understanding the cognitive determinants of behavioral distraction by deviant auditory stimuli. Invited talk, Department of Psychology, University of Minho (Braga), Portugal, July 10th.
13. **Parmentier, F. B. R.** (2012). Exploring the cognitive determinants of behavioral distraction by deviant sounds. Invited talk at the University of Leipzig (Germany), 10th December.
12. **Parmentier, F. B. R.** (2010). ¿Existen procesos comunes entre la memoria visual y la memoria verbal? Explorando los determinantes de la memoria de secuencias espaciales. Invited talk for the MSc in Cognition and Communication. Autònoma University of Barcelona. 17th December.
11. **Parmentier, F. B. R.** (2010). The involuntary capture of attention by novelty: Functional characteristics of behavioral distraction. Invited presentation. Department of Psychology, Cardiff University, UK. 9th December.
10. **Parmentier, F. B. R.** (2009). Exploring determinants of serial visuo-spatial serial memory. Invited talk, Department of Psychology, University of Ghent, Belgium, 27th March.
9. **Parmentier, F. B. R.** (2009). The involuntary capture of attention by irrelevant sounds: An empirical investigation of the cognitive mechanisms underpinning distraction. Talk to be presented at the University of Umeå, Sweden on February 27th 2009.

8. **Parmentier, F. B. R.** (2009). Towards a cognitive understanding of distraction by auditory novelty: Distinguishing between attention capture and semantic interference. Talk to be presented at the University of Luleå, Sweden on February 23rd 2009.
7. **Parmentier, F. B. R.** (2008). Repetition learning in auditory space: perception, memory and entropy. ESRC Workshop on Links between Long-term Memory and Immediate Memory. University of Lancaster, 9-10 April.
6. **Parmentier, F. B. R.** (2008). Cross-modal attention capture: What is the cognitive locus of distraction by acoustic novelty? Invited presentation. School of Psychology, University of Hull, UK (May 1st).
5. **Parmentier, F. B. R.** (2007). How do we remember spatial sequences: New answers to an old question. Invited presentation. Department of Psychology, University of Reading, 1st March.
4. **Parmentier, F. B. R.** (2006). Memory for spatial sequences: An overview of recent advances and their implication for our understanding of order processing. Invited presentation. Department of Psychology, University of Leeds, 6th December.
3. **Parmentier, F. B. R.** (2006). Exploring the determinants of spatial serial memory. Invited presentation. Department of Experimental Psychology, University of Bristol, 8th February.
2. **Parmentier, F. B. R.** (2005). Exploring determinants of memory for visuo-spatial sequences. Invited presentation. University of London, Goldsmith College, 23rd February.
1. **Parmentier, F. B. R.** (2004). Exploring serial memory for spatial locations. Invited presentation. University of Exeter, 2nd March.

PONENCIAS

53. Parmentier, F. B. R., Gallego-Munar, L., English, M., Micucci, A., Leiva, A., Andrés, P., & Maybery, M. T. (2024). The Effect of the Environmental Context on Distraction by Unexpected Stimuli. Talk presented at the 65th Annual Meeting of the Psychonomic Society, New York, USA, 21-24 November.
52. Vasilev, M.R., Ozkan, Z. G., Kirkby, J., Nuthmann, A., Parmentier, F.B.R. (2024). Unexpected sounds induce a rapid inhibition of eye-movement responses. Talk presented at the EPS meeting 10-12 April, Nottingham, UK.
51. Vasilev, M. R., Ozkan, Z. G., Kirkby, J. A.; Nuthmann, A., & **Parmentier, F. B. R.** (2024). Unexpected sounds induce a rapid inhibition of eye-movement responses. Talk presented at the 22nd European Conference on Eye Movements, Maynooth University, Co. Kildare, Ireland.
50. **Parmentier, F. B. R.**, Leiva, A., Andrés, P., Maybery, M. T. (2022). Behavioral distraction by violation of sensory predictions: deviant sounds vs unexpected silences. The 9th Mismatch Negativity conference, Fukushima, Japan, 21-23 September.
49. **Parmentier, F. B. R.** & Gallego, L. (2021). Is Deviance Distraction Immune to the Prior Sequential Learning of Stimuli and Responses? Annual Meeting of the Psychonomic Society (online meeting due to Covid-19), 4-7 November.
48. **Parmentier, F. B. R.**, Comesaña, M., Soares, A. P., & Gallego, L. (2019). Contextual diversity modulates serial memory performance but not repetition learning. Talk presented at the XIV International Symposium of Psycholinguistics, Tarragona, 10-13 April.

47. **Parmentier, F. B. R.** (2017). Do deviant sounds induce action plan uncertainty? A new take on deviance distraction. Talk presented at the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, 3-6 September.
46. **Parmentier, F. B. R.** (2016). Deviant sounds yield distraction irrespective of the sounds' informational value. Talk presented at the 57th Annual Meeting of the Psychonomic Society, Boston, 17-21 November.
45. **Parmentier, F. B. R.**, Comesaña, M., & Soares, A. P. (2015). The effects of contextual diversity and word frequency on serial recall performance. Talk presented at the XII International Symposium of Psycholinguistics, Valencia, 1-4 July.
44. Pacheco-Unguetti, P., & **Parmentier, F. B. R.** (2014). Induced negative and positive moods increase distraction by auditory deviance. Paper presented at the VIII Symposium of the Association of Motivation and Emotion. Granada, 15-17 May.
43. Ljungberg, K. J., **Parmentier, F. B. R.**, Marsja, E., Jones, D., & Neely, G. (2014). What's in a name?' 'No more than when it's mine own'. Evidence from auditory oddball distraction. Paper presented at the Symposia meeting about auditory distraction at University at Central Lancashire, Preston, England 30 April -2 May.
42. Leiva, A., & **Parmentier, F. B. R.** (2013). The age-related increase in distraction by deviant sounds: Specific to the cross-modal task? , Workshop on Attention, deviance detection and prediction in auditory perception. Max Planck Institute for Human Cognitive and Brain Sciences, 12-14 December 2013.
41. **Parmentier, F. B. R.**, & Andrés, P. (2013). Novelty distraction and post-error slowing as manifestations of surprise-related slowing. 18th Meeting of the European Society for Cognitive Psychology, Budapest, August 29-September 1.
40. Ljungberg, J. K., & **Parmentier, F. B. R.** (2013). Distraction by tactile and auditory deviance: Functional similarities and shared a-modal processes. 13th European Congress of Psychology, Stockholm, 9-12 July.
39. Ballesteros, S., Mayas, J., **Parmentier, F. B. R.**, & Andrés, P. (2013). Can brain training with videogames improve attentional functions in older adults? Paper presented at the 20th IAGG World Congress of Gerontology and Geriatrics, Seoul, 23-27 June.
38. Ballesteros, S., Mayas, J., **Parmentier, F. B. R.**, & Andrés, P. (June 2013). Cognitive plasticity in older adults: Evidence of transfer to attention performance in a cross-modal oddball task after brain training. Oral presentation at the 14th International Multisensory Research Forum (IMRF), 3-6 June, Jerusalem, Israel.
37. Elsley, J. V., **Parmentier, F. B. R.**, Maybery, M. T., & Udale, R. (2012). Investigating the role of spatial location in surface-feature binding: The retrieval of features and objects as a function of spatial proximity. Paper presented at the Annual Conference of the Cognitive Psychology Section of the British Psychological Society, 29-31 August, Glasgow.
36. Padilla, C., Pérez, L., Andrés, P., & **Parmentier, F. B. R.** (2012). Physical activity and cognitive control: Exercise improves strategic inhibition. Paper presented at the Annual Conference of the Cognitive Psychology Section of the British Psychological Society, 29-31 August, Glasgow.
35. **Parmentier, F. B. R.** (2012). The ineluctable capture of attention by word deviants: A dual mechanism of involuntary semantic processing. Talk presented at the 1st joint meeting of the Spanish Experimental Psychology Society (SEPEX) and the Belgian Psychological Association (BAPS). Liège (Belgium), 11th May.
34. Elsley, J. V., **Parmentier, F. B. R.**, Maybery, M. T., & Udale R. C. (2011). Exploring binding in working memory: Feature retrieval as a function of object proximity. Talk presented at the 28th Annual BPS Cognitive Section Conference: Keele (UK), 6 - 8 September.

33. Elsley, J. V., & **Parmentier, F. B. R.** (2011). The role of attention during visuo-spatial feature binding in working memory. Talk presented at the 5th International Conference on Memory: York (UK), 31 July - 5 August.
32. Elsley, J. V., & **Parmentier, F. B. R.** (2010). Exploring the role of attention in feature binding in working memory. Talk presented at the 27th Annual BPS Cognitive Psychology Section Conference: Cardiff (UK), 6-8 September.
31. Poch C., Campo P., **Parmentier F. B. R.**, Elsley J. V., Pozo, Fd and Ruiz-Vargas, J. M. (2010). Oscillatory activity during the maintenance of verbal-spatial bound representations. First International Congress EPS and SEPEX, Granada (Spain), 15-17 April.
30. **Parmentier, F. B. R.**, Turner, J., & Elsley, J. V. (2009). Cross-modal distraction by auditory oddball stimuli: The course and aftermath of novelty and semantic effects. Talk presented at the Annual meeting of the Psychonomic Society, Boston (USA), November 20th.
29. **Parmentier, F. B. R.**, Elsley, J.V., & Ljungberg, J. K. (2009). The involuntary capture of attention by novel sounds: Is it really about novelty? Talk presented at the Auditory Perception, Cognition and Action Meeting, Boston (USA), November 19th.
28. Bacon, A. M., & **Parmentier, F. B. R.** (2009). Dyslexia and Visual-Spatial Memory. Talk presented at the BPS Cognitive Psychology Section Annual Conference: Hatfield (UK). 1-3 September.
27. **Parmentier, F. B. R.** (2009). The involuntary capture of attention by auditory novelty: Auditory oddballs are semantically analyzed. Talk presented at the 7a Reunión Científica Sobre Atención (RECA), University of Granada (Spain), April 23-25.
26. **Parmentier, F. B. R.** (2008). The involuntary capture of attention by sound: Are auditory oddballs semantically analyzed? Talk presented at the 49th Annual Meeting of the Psychonomics Society, 13-16 November, Chicago (USA).
25. Elsley, J., & **Parmentier, F. B. R.** (2008). Verbal-Spatial Binding in Working Memory and the Role of Attention. Talk presented at the XXV Annual meeting of the British Psychological Society, Cognitive Section. September 7-10, Southampton, UK.
24. Elsley, J., & **Parmentier, F. B. R.** (2007). The role of attention in the binding of shapes and locations in working memory. Talk presented at 24th Annual meeting of the BPS Cognitive Section, Aberdeen, 20-22 August.
23. **Parmentier, F. B. R.**, & Andres, P. (2006). Exploring the locus of the path crossing effect in visuo-spatial serial recall. Talk presented at the Annual meeting of the British Psychological Society, Cognitive Section, September 6th-8th. Lancaster, UK.
22. **Parmentier, F. B. R.**, San Miguel, I., & Escera, C. (2006). The cognitive locus of cross-modal distraction of attention. Talk presented at the MMN2006 conference, Cambridge, 22-26 April.
21. Chamberland, C., Guérard, K., **Parmentier, F. B. R.**, Rousseau, R. & Tremblay, S. (2005). Alternating between verbal and spatial memory tasks: Costs and benefits. Talk presented at the 46th Annual Meeting of the Psychonomic Society. Toronto, 10-13 November.
20. Burghardt, K., & **Parmentier, F. B. R.** (2005). The importance of pre-existing long-term memory representations in directed forgetting. Talk presented at the Annual meeting of the British Psychological Society, Cognitive Section, August 31st-September 3rd. Leeds, UK.
19. Elsley, J., & **Parmentier, F. B. R.** (2005). Feature binding in visuo-spatial short-term memory: An asymmetry in association between the encoding of shape and location. Talk presented at the Annual meeting of the British Psychological Society, Cognitive Section, August 31st-September 3rd. Leeds, UK.

18. Tremblay, S., **Parmentier, F. B. R.**, & Saint-Aubin, J. (2005). Functional similarities and dissimilarities between verbal and spatial information in memory for serial order. Talk presented at the 15th Annual meeting of the Canadian Society for Brain, Behaviour and Cognitive Science, Montreal, 4-7 July.
17. Hodgetts, H., Farmer, E., Joose, M., **Parmentier, F. B. R.**, Schaeffer, D., Hoogeboom, P., van Gool, M., & Jones, D. M. (2004). The effects of party line communication on flight task performance. Paper presented at the Human Factors and Ergonomics Society European Conference, Delft, The Netherlands, 27-29 October 2004.
16. **Parmentier, F. B. R.**, Elford, G., & Jones, D. M. (2004). Configural determinants of visuo-spatial serial memory performance. Paper presented at the 45th Annual Meeting of the Psychonomic Society, 18-21 November, 2004, Minneapolis, U.S.A.
15. **Parmentier, F. B. R.**, & Elford, G. (2004). Visuo-spatial serial memory: Characteristics of sequences mediate recall performance. Paper presented at the Annual meeting of the British Psychological Society, Cognitive Section, September 6-8, 2004, Leeds, UK.
14. Tremblay, S., Saint-Aubin, J., **Parmentier, F. B. R.**, Jones, D. M. (2004). Functional similarities between verbal and spatial information in short-term memory. Paper presented at the 28th International Congress of Psychology, August 8-13, Beijing, China.
13. **Parmentier, F. B. R.**, & Andres, P. (2003). Switch cost asymmetry: Manipulation of task dominance. Paper presented at the Annual meeting of the British Psychological Society, Cognitive Section, 3-5 September, Reading, U.K.
12. **Parmentier, F. B. R.**, Maybery, M. T., & Jones, D. M. (2002). Sound is spatial: Impact on serial memory performance. Paper presented at the Australasian Cognitive Science Society Meeting, April 3-5, 2002, Perth, Western Australia.
11. Andres, P., **Parmentier, F. B. R.**, & Jones, D. M. (2002). Control processes in memory: The effect of crosstalk interference when switching between verbal and spatial serial memory tasks. Paper presented at the Australasian Cognitive Science Society Meeting, April 3-5, 2002, Perth, Western Australia.
10. Maybery, M. T., Chuah, L., Ford, K., **Parmentier, F. B. R.**, & Jones, D. M. (2002). Dissociations and associations in the retention of verbal and spatial sequences: Implications for models of short-term/working memory. Paper presented at the Australasian Cognitive Science Society Meeting, April 3-5, 2002, Perth, Western Australia.
9. **Parmentier, F. B. R.**, Andres, P., & Jones, D.M. (2001). Alternating between memory tasks: The benefits of switching between verbal and spatial tasks. *Proceedings of the British Psychological Society*, 9, 122.
8. **Parmentier, F. B. R.**, Maybery, M. T., Ng, H., & Jones, D. M. (2001). Temporal grouping of verbal information: When RT and error patterns question oscillator models. Paper presented at the 3rd International Conference on Memory. Valencia, Spain, July 16th-20th.
7. Andres, P., **Parmentier, F. B. R.**, & Jones, D. M. (2001). Benefits of task switching between short-term memory tasks. Paper presented at the 3rd International Conference on Memory. Valencia, Spain, July 16th-20th.
6. Maybery, M. T., Ford, K., Huitson, M., **Parmentier, F. B. R.**, & Jones, D. M. (2001). The influence of changing-state irrelevant speech on the recognition of verbal and spatial sequences: Divided one stands. United both fall. Paper presented at the 3rd International Conference on Memory. Valencia, Spain, July 16th-20th.
5. **Parmentier, F. B. R.**, Andres, P., Jones, D.M., & Macken, W.J. (2000). Task alternation in complex settings: Cognitive issues. Paper presented at the Third International Conference on Engineering Psychology and Cognitive Ergonomics. Edinburgh, October 25-27.

4. **Parmentier, F. B. R.**, Andres, P., & Jones, D.M. (2000). Alternating between memory tasks: The benefits of switching between verbal and spatial tasks. Paper presented at the XVII Annual Conference of the British Psychological Society Cognitive Psychology Section. Colchester, Essex, 6-8 September.
3. **Parmentier, F. B. R.**, & Jones, D. M. (1998). Auditory spatial serial STM: Some functional characteristics. Paper presented at the Annual Meeting of the Belgian Psychological Society, Leuven, 8 May.
2. **Parmentier, F. B. R.**, & Jones, D. M. (1997). Functional characteristics of auditory serial spatial memory. Workshop on Spatial Memory, Rome, 18-19 September.
1. **Parmentier, F. B. R.** (1996). The interference of articulatory suppression on spatial serial short-term memory. Paper presented at the 27th Annual Student Conference, Welsh Branch of the British Psychological Society. Cardiff, U.K. (27 April).

COMUNICACIONES PÓSTER

80. García-López, E., & Parmentier, F. B. R. (2024). Distraction by Deviant Sounds: Facilitating Response Change and Hindering Response Repetition. Poster presented at the 65th Annual Meeting of the Psychonomic Society, New York, USA, 21-24 November.
79. Gallego-Munar, L., & Parmentier, F. B. R. (2024). Distraction by Unexpected Sounds: Modulated by Visual Context and Uncorrelated with ADHD Symptomatology. Poster presented at the 65th Annual Meeting of the Psychonomic Society, New York, USA, 21-24 November.
78. García-López, E., & Parmentier, F. B. R. (2024). Auditory distraction: Deviant sounds hinder response repetition and facilitate response change. Poster presented at the XIV Meeting of the Spanish Society for Experimental Psychology (SEPEX), Almeria, Spain, 23-25 October.
77. Gallego-Munar, L., & Parmentier, F. B. R. (2024). Distraction by unexpected sounds: Modulated by visual context and uncorrelated with ADHD symptomatology. Poster presented at the XIV Meeting of the Spanish Society for Experimental Psychology (SEPEX), Almeria, Spain, 23-25 October.
76. García-Dopico, N., Velasco-Roldán, O., González.Roldán, A. M., Terrasa, J. L., **Parmentier, F. B. R.**, & Sitges, C. (2023). What are the strategies used by people with chronic low back pain versus healthy controls to solve the left-right judgment task? 13th Congress of the European Pain Federation (EFIC), Budapest, Hungary, 20-22 September.
75. Sabu, S., **Parmentier, F. B. R.**, & Horváth, J. (2023). Involuntary motor responses are elicited both by rare sounds and rare pitch changes. Poster presented at the 23rd Conference of the European Society for Cognitive Psychology (ES COP). Porto, Portugal, 6-9 September.
74. **Parmentier, F. B. R.**, Gallego, L., Micucci, A., Andrés, P., Leiva, A., & Maybery, M. T. (2022). Distraction by deviant sounds is modulated by the environmental context. 63rd Annual Meeting of the Psychonomic Society, Boston, USA, November 17-20.
73. **Parmentier, F. B. R.**, Gallego, L., Micucci, A., Andrés, P., Leiva, A., & Maybery, M. T. (2022). Distraction by deviant sounds is modulated by the environmental context. Reunión Científica sobre atención (RECA XIII). Granada, Spain, 6-8 October.
72. Lowman, M., Vasilev, M., Kirkby, J., Bills, K., & **Parmentier, F. B. R.** (2022). Unexpected sounds inhibit the movement of the eyes during reading and letter scanning. 21st European Conference on Eye Movements, University of Leicester, UK, 21-25 August.

71. Weise, A., Hartmann, T., **Parmentier, F. B. R.**, Weisz, N., Ruhnau, P. (2021). Linking posterior alpha power increases to involuntary spatial attention. Poster presented at the Salzburg Mind Brain Annual Meeting, Salzburg, Austria, 15-16 July.
70. Weise, A., Hartmann, T., **Parmentier, F. B. R.**, Weisz, N., Ruhnau, P. (2021). Posterior alpha power increases reflect involuntary spatial attention due to task-distracting, novel sounds. Poster presented at the 46th Annual Conference Psychology and the Brain, Tübingen, Germany, 2-4 June.
69. Vasilev, M., **Parmentier, F. B. R.**, & Kirkby, J. (2020). Distraction by auditory novelty during reading: Evidence for disruption in saccade planning but not saccade execution. Poster presented at the Meeting of the Experimental Psychology Society, London, 8-10 January.
68. Weise, A., Hartmann, T., **Parmentier, F. B. R.**, Ruhnau, & Weisz, N. (2019). Alpha power as a neural signature of involuntary spatial attention? Poster presented at the 3rd Salzburg Mind-Brain Annual Meeting, Salzburg, Austria, 11-12 July.
67. Molina, E., Fernández-Prieto, I., Leiva, A., & Parmentier, F. B. R. (2019). Opposite effects of transcranial direct current stimulation (tDCS) on sustained attention in individuals with high and low levels of dispositional Mindfulness. Poster presented at the III International Congress of Psychobiology, Granada, Spain, 29-31 May.
66. Adrover-Roig, D., López-Penadés, R., Sanchez-Azanza, V., Buil-Legaz, L., **Parmentier, F. B. R.**, & Aguilar-Mediavilla, E. (2019). Do bilinguals get less distracted? Results from an auditory-visual oddball task. Póster presented at the XIV International Symposium of Psycholinguistics, Tarragona, 10-13 April
66. Parmentier, F. B. R., Leiva, A., & Andrés, P. (2018). Evidence of the age-related increase in cross-modal deviance controlling for response speed. Poster presented at the 8th Mismatch Negativity Conference (MMN2018). Helsinki, Finland, June 12-15.
65. Weise, A., Hartmann, T., **Parmentier, F. B. R.**, Ruhnau, P., & Weisz, N. (2018). Novel sounds cause an involuntary shift of spatial attention – Indices from reaction time and magnetoencephalographic data. Poster presented at the 2nd Salzburg Mind-Brain Annual Meeting, 12-13 July.
64. Leiva, A., Andrés, P., & **Parmentier, F. B. R.** (2018). Comparing the effects of deviant sounds after Go and NoGo trials in young and older adults. Poster presented at the XII Congress of the Spanish Society of Experimental Psychology, Madrid, 3-6 July.
63. Molina, E., Macken, W. J., & **Parmentier, F. B. R.** (2018). Task-irrelevant sounds facilitate continuous motor tracking performance. Poster presented at the XII Congress of the Spanish Society of Experimental Psychology, Madrid, 3-6 July.
62. Fernández-Prieto, I., & **Parmentier, F. B. R.** (2018). Irrelevant auditory deviant stimuli increase crosstalk interference. Poster presented at the XII Congress of the Spanish Society of Experimental Psychology, Madrid, 3-6 July.
61. **Parmentier, F. B. R.**, Leiva, A., & Andrés, P. (2017). Confirmation of the age-related increase in cross-modal deviance distraction using a relative measure of deviance distraction. Poster presented at the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, 3-6 September.
60. Leiva, A., Andrés, P., Servera, M., Verbruggen, F., & **Parmentier, F. B. R.** (2017). Deviance distraction, working memory capacity (WMC) and response inhibition: a cross-sectional study. Poster presented at the 20th Conference of the European Society for Cognitive Psychology (ESCoP), Potsdam, 3-6 September.
59. **Parmentier, F. B. R.**, Fraga, I., & Ferré, I. (2017). Distraction by deviant sounds: Equivalent effects of neutral and disgust-related words on a visual categorization task and an incidental recognition task. Poster presented at the 13th International Symposium of Psycholinguistics, Braga 5-8 April.

58. Leiva, A., Andrés, P., & **Parmentier, F. B. R.** (2017). Deviance distraction, working memory capacity (WMC) and response inhibition: a cross-sectional study. Poster presented at the 4th International Conference on Aging & Cognition, Zurich, April 20-22.
57. Elsley, J. V., **Parmentier, F. B. R.**, & Ferneyhough, S. (2015). Binding asymmetry in working memory: An investigation of the role of spatial location and feature distinctiveness. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, USA, 19-22 November.
56. Ljungberg, J. K., & **Parmentier, F. B. R.** (2015). Distraction and facilitation - Emotional sounds affect performance in a smiley oddball task. Poster presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, USA, 19-22 November.
55. **Parmentier, F. B. R.**, Pacheco-Unguetti, A. P., & Valero, S. (2015). Effect of physiological relevance on distraction by deviant sounds: Unexpected food words distract hungry participants. Poster presented at the 19th Conference of the European Society for Cognitive Psychology, Paphos (Cyprus), 17-20 September.
54. **Parmentier, F. B. R.**, Comesaña, M., & Soares, A. P. (2015). Disentangling the effects of word frequency and contextual diversity on serial recall performance. Poster presented at the 19th Conference of the European Society for Cognitive Psychology, Paphos (Cyprus), 17-20 September.
53. Ljungberg, J. K., **Parmentier, F. B. R.**, & Marsja, E., & Jones, D. M. (2014). Any Tom, Dick, or Harry will do: Hearing one's own name distracts no more than any other in a cross-modal oddball task. Poster presented at the 55th Annual Meeting of the Psychonomics Society, November 20-23, Long Beach, USA.
52. Marsja, E., Neely, G., **Parmentier, F. B. R.**, & Ljungberg, J. K. (2014). Deviance distraction is contingent on stimuli being presented within the same modality. Poster presented at the 55th Annual Meeting of the Psychonomics Society, November 20-23, Long Beach, USA.
51. Marsja, E., Neely, G., **Parmentier, F. B. R.**, Ljungberg, J. K. (2014). Deviant sounds does not capture attention when presented among, and simultaneous as, standard vibration. Poster presented at the 13th Annual Auditory Perception, Cognition and Action Meeting, November 20th, Long Beach, USA.
50. Ljungberg, K. J., **Parmentier, F. B. R.**, Marsja, E., Jones, D., & Neely, G. (2014). When your name is just another word: Self-referential auditory stimulus no more distracting than other names and words in a cross-modal oddball task. Poster presented at the SweCog meeting in Lund, September (11-12).
49. Ljungberg, J., **Parmentier, F. B. R.**, Marsja, E., Neely, G., & Jones, D. M. (2014). Any Tom, Dick, or Harry will do: Hearing one's own name distracts no more than any other in a cross-modal oddball task. Meeting of the Experimental Psychological Society, London, 9-10 January.
48. Leiva, A., & **Parmentier, F. B. R.** (2013). No age-related increase of distraction in an auditory oddball task. Workshop on Attention, deviance detection and prediction in auditory perception. Max Planck Institute for Human Cognitive and Brain Sciences, 12-14 December 2013..
47. Pacheco-Unguetti, A., & **Parmentier, F. B. R.** (2013). The effect of positive and negative mood states on distraction by auditory deviant sounds. Poster presenter at the 34th Conference of the Stress and Anxiety Research Society, Faro, 1-3 July.
46. Pacheco-Unguetti, P. & **Parmentier, F. B. R.** (2013). Induced negative and positive affect increase deviance distraction. Workshop on Attention, deviance detection and prediction in auditory perception. Max Planck Institute for Human Cognitive and Brain Sciences, 12-14 December 2013.

45. Marsja, E., Neely, G., Parmentier, F.B.R., & Ljungberg, J.K., (2013). Maintenance of the distractive effect of deviating vibrotactile stimuli in a cross-modal oddball paradigm. Poster presented at the Annual meeting of the International Society of Psychophysics, 21-25 October, Freiburg, Germany.
44. Pacheco-Unguetti, A., **Parmentier, F. B. R.**, & Gelabert, J. M. (2013). Anxiety disorders increase distraction by auditory deviant sounds. Poster presenter at the 34th Conference of the Stress and Anxiety Research Society, Faro, 1-3 July.
43. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2013). Behavioral distraction by deviant stimuli: modality-specific effects. Poster presented at the 25th Annual Convention of the Association for Psychological Science. Washington, 23-26 May.
42. Pacheco-Unguetti, A., & **Parmentier, F. B. R.** (2013). Sadness amplifies distraction by auditory deviant sounds. Poster presented at the 25th Annual Convention of the Association for Psychological Science. Washington, 23-26 May.
41. **Parmentier, F. B. R.**, & Andrés, P. (2013). Novelty distraction and post-error slowing as manifestations of surprise-related slowing. Poster presented at the 25th Annual Convention of the Association for Psychological Science. Washington, 23-26 May.
40. Pérez, L., Padilla, C., Andrés, P., & **Parmentier, F. B. R.** (2013). Attentional networks'is modulation by exercise: Evidence from the ANT task. Poster presented at the 25th Annual Convention of the Association for Psychological Science. Washington, 23-26 May.
39. Hebrero, M., & **Parmentier, F. B. R.** (2013). Cognitive control of involuntary distraction by deviant sounds. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
38. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2013). The age-related increase in distraction by deviant sounds is specific to the cross-modal involuntary orienting of attention. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
37. Pacheco-Unguetti, A., & **Parmentier, F. B. R.** (2013). The effect of positive and negative mood states on deviance distraction. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
36. Pacheco-Unguetti, A., & **Parmentier, F. B. R.** (2013). Sadness amplifies distraction by auditory deviant sounds. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
35. Padilla, C., Pérez, L., Andrés, P., & Parmentier, F. B. R. (2013). Exercise improves cognitive control: evidence from the stop signal task. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
34. **Parmentier, F. B. R.**, & Andrés, P. (2013). Novelty distraction and post-error slowing as manifestations of surprise-related slowing. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
33. Pérez, L., Padilla, C., Andrés, P., & **Parmentier, F. B. R.** (2013). Attentional networks'is modulation by exercise: Evidence from the ANT task. Poster presenter at the Scientific Meeting on Attention, Palma de Mallorca, 8-10 May.
32. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2013). Deviance distraction: contrasting auditory and visual oddball tasks in young and older adults. Poster presented at the International Conference on Aging & Cognition, Dortmund, 25-27 April.
31. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2012). Distraction by deviant stimuli: Contrasting the sensory modality of distractors and targets. Poster presented at the Meeting of the Experimental Psychology Society, 11-13 July, Bristol.
30. Leiva, A., **Parmentier, F. B. R.**, & Andrés, P. (2012). Distraction by deviant stimuli: Contrasting the sensory modality of distractors and targets. Poster presented at the

- ERNI-HSF Science Meeting, Orienting of attention: Neural implementation, underlying mechanisms and clinical implications, 2-3 November, Tübingen.
29. Ljungberg, J. K., & **Parmentier, F. B. R.** (2012). Functional similarities of behavioral distraction by tactile and auditory deviance: modality-specific and shared modal processes. Poster presented at the 1st joint meeting of the Spanish Experimental Psychology Society (SEPEX) and the Belgian Psychological Association (BAPS). Liège (Belgium), 10-11 May.
 28. **Parmentier, F. B. R.**, & Ljungberg, J. K. (2011). Behavioral distraction by oddball vibro-tactile and auditory deviants: Functional similarities. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, USA, 3-6 November.
 27. Ljungberg, J. K., & **Parmentier, F. B. R.** (2011). Distraction by auditory deviants: Not knowing when is more distracting than not knowing if. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, USA, 3-6 November.
 26. **Parmentier, F. B. R.**, & Ljungberg, J. K. (2011). Distraction by vibro-tactile and auditory novel stimuli. Poster presented at the XIth International Conference on Cognitive Neuroscience, Palma de Mallorca, Spain, 25-29 September.
 25. Leiva, A., & **Parmentier, F. B. R.** (2011). The behavioral impact of auditory and visual oddball distracters in a visual and auditory categorization tasks. Poster presented at the XIth International Conference on Cognitive Neuroscience, Palma de Mallorca, Spain, 25-29 September.
 24. **Parmentier, F. B. R.** (2011). Distraction by auditory novelty is not about novelty. Poster presented at the 8th Biannual Scientific Meeting on Attention, Seville, 15-17 June.
 23. **Parmentier, F. B. R.**, & Ljungberg, J. K. (2011). Distraction by oddball vibro-tactile and auditory irrelevant stimuli: Functional similarities. Poster presented at the 8th Biannual Scientific Meeting on Attention, Seville, 15-17 June.
 22. **Parmentier, F. B. R.**, & Ljungberg, J. K., & Leiva, A. (2011). The informational constraints of behavioral distraction by auditory novelty: Comparing the roles of event and temporal information. Poster presented at the 8th Biannual Scientific Meeting on Attention, Seville, 15-17 June.
 21. Leiva, A., & **Parmentier, F. B. R.** (2011). The involuntary capture of attention by unexpected stimuli: Auditory, not visual, oddball distracters disrupt visual and auditory categorization. Poster presented at the 8th Biannual Scientific Meeting on Attention, Seville, 15-17 June.
 20. Campo, P., Poch, C., **Parmentier, F. B. R.**, Elsley, J. V., Ruiz-Vargas, J. M., Pozo, F., Maestu, F. (2010). Theta and gamma oscillations in prefrontal cortex differentiate intentional from incidental letter-location binding. Poster presented at the 17th International Conference on Biomagnetism. Dubrovnick, Croatia, March 28th-April 1st.
 19. Poch, C., Campo, P., **Parmentier, F. B. R.**, Elsley, J. V., Pozo, F., & Ruiz-Vargas, J. M. (2010). Oscillatory activity in prefrontal cortex during implicit letter-location binding. Poster presented at the 17th International Conference on Biomagnetism. Dubrovnick, Croatia, March 28th-April 1st.
 18. Ljungberg, J. K., **Parmentier, F. B. R.**, & Elsley, J. (2009). An empirical investigation of the capture of attention by urgent and non-urgent alarms. Poster presented at the Annual Meeting of the Psychonomics Society, Boston, November 21st.
 17. Ljungberg, J. K., **Parmentier, F. B. R.**, & Elsley, J. (2009). Attention captured - What constitutes a good alarm? Poster presented at the Auditory Perception, Cognition and Action Meeting, Boston, November 19th.
 16. Poch, C., Campo, P., **Parmentier, F. B. R.**, Castellanos, N., Pozo, F., Ortiz N., Maestú, F. (2009). Gamma oscillatory activity in prefrontal cortex related to retention of implicit cross-modal binding. Poster presented at the IV Workshop on the advances in the study of cerebral, Barcelona (Spain), 9-10 July.

15. **Parmentier, F. B. R.**, & Elsley, J. (2009). The role of attention in the binding of verbal and spatial information within working memory. Poster presented at the 7th Biannual Scientific Meeting on Attention (RECA), Granada, Spain, April 23-25.
14. **Parmentier, F. B. R.**, & Andrés, P. (2009). The involuntary capture of attention by auditory novelty in the absence of a novel: Novelty and post-novelty distraction. Poster presented at the 7th Biannual Scientific Meeting on Attention (RECA), Granada, Spain, April 23-25.
13. Adrover-Roig, D., Andrés, P., **Parmentier, F. B. R.**, & Barcelo, F. (2009). Age and cognitive control modulate slow brain potentials during task switching. Poster presented at the 7th Biannual Scientific Meeting on Attention, Granada (Spain), 23-25 April.
12. Elsley, J., & **Parmentier, F. B. R.** (2008). The role of attention for verbal-spatial binding in working memory. Poster presented at the 49th Annual Meeting of the Psychonomics Society, 13-16 November, Chicago, USA.
11. Elsley, J., & **Parmentier, F. B. R.** (2008). Asymmetry in the binding of verbal and spatial information in working memory. Poster presented at the XXIX International Congress of Psychology, July 20-25th, Berlin, Germany.
10. San Miguel, I., **Parmentier, F. B. R.**, & Escera, C. (2006). Locus cognitivo de la distracción cross-modal. Poster presented at the II Reunión de la Red Temática de Neurociencia Cognitiva - I Workshop sobre Tratamiento de Señales Multicanal. Madrid, 14-15 July.
9. Burghardt, K., & **Parmentier, F. B. R.** (2005). Long Term Memory: Mediator of the Intrusion Cost. Poster presented at the 46th Annual Meeting of the Psychonomic Society. Toronto, 10-13 November.
8. Elsley, J., & **Parmentier, F. B. R.** (2005). Feature Binding Within Visuo-Spatial Short-Term Memory: Asymmetry Between Shape & Location Encoding. Poster presented at the 46th Annual Meeting of the Psychonomic Society. Toronto, 10-13 November.
7. Burghardt, K., & **Parmentier, F. B. R.** (2004). Inhibition in spatial memory. Poster presented at the Annual meeting of the British Psychological Society, Cognitive Section, September 6-8, 2004, Leeds, UK.
6. Elsley, J., & **Parmentier, F. B. R.** (2004). Visual-spatial binding in short-term memory. Poster presented at the Annual meeting of the British Psychological Society, Cognitive Section, September 6-8, 2004, Leeds, UK.
5. **Parmentier, F. B. R.**, & Andres, P. (2003). Switch cost asymmetry: Effect of task dominance manipulations. Poster presented at the 13th Conference of the European Society for Cognitive Psychology, 17-20 September, Granada, Spain.
4. Tremblay, S., **Parmentier, F. B. R.**, & Jones, D.M. (2000). Recency and suffix effects in visuo-spatial serial memory. Poster presented at the Annual Meeting of the British Psychological Society Cognitive Psychology Section. Colchester, Essex, 6-8 September.
3. **Parmentier, F. B. R.**, & Jones, D. M. (1998). Functional characteristics of serial spatial auditory STM: The effect of a retention interval and interfering tasks. Poster presented at the Quebec 98 Conference on Short-Term Memory, Quebec, 4-7 June.
2. **Parmentier, F. B. R.**, & Jones, D. M. (1997). Serial auditory spatial short-term memory: Functional characteristics. Poster presented at the XIV Annual Conference of the British Psychological Cognitive Society Conference, Bristol, 4-6 September 1997.
1. **Parmentier, F. B. R.**, & Jones, D. M. (1996). The interference of Articulatory Suppression on Spatial Serial Recall: Comparing Encoding and Retention Periods. Poster presented at the Second International Conference on Memory, Abano-Terme, Italy, 14-19 July 1996.

Otros méritos

AFILIACIONES PROFESIONALES

- Miembro de la American Psychological Association (2000-2018).
- Miembro de la Psychonomic Society (2000-presente).
- Miembro de la Association for Psychological Science (2013-presente).
- Miembro de la Spanish Society for Experimental Psychology (2008-presente)
- Miembro de la British Psychological Association (2000-2008).

MÉRITOS DE GESTIÓN

- Evaluador para el British Psychological Society's Examination Board (2004-2012).
- Miembro del comité del British Psychological Society's Cognitive Section (2005-2008).
- Director del MSc in Psychological Research Methods at the University of Plymouth, UK (2006-2008)

ACTIVIDADES EN CALIDAD DE REVISOR EXPERTO

- Miembro del Editorial Board of Experimental Psychology (2011-)
(Invitado a ser Editor, propuesta rechazada)
- Evaluador para el Economic & Social Research Council (UK)
- Evaluador para el Biotechnology and Biological Sciences Research Council (UK)
- Evaluador para el Australian Research Council (ARC)
- Evaluador para el Canada's Social Sciences and Humanities Research Council
- Evaluador para el European Research Council (ERC)
- Evaluador para el Spanish Agencia Nacional de Evaluación y Prospectiva (ANEP)
- Miembro de la Comisión de Evaluación del Ministerio de Ciencia e Innovación de España (2010, 2019)
- Revisor habitual para las siguientes revistas científicas:
Acta Psychologica; Applied Cognitive Psychology; Attention, Perception & Psychophysics; Biological Psychology; Brain Research; Canadian Journal of Experimental Psychology; Cognition; Cognitive Psychology; Cortex; Developmental Science; Ergonomics; European Journal of Cognitive Psychology; Experimental Psychology; Frontiers in Human Neuroscience; International Journal of Psychophysiology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory & Cognition; Journal of Experimental Psychology: Human Perception & Performance; Journal of Memory & Language; Journal of the International Neuropsychological Society; Memory; Memory & Cognition; Neurobiology of Aging; Neuroscience & Biobehavioral Reviews; PlosONE; Psicologica; Psychological Research; Psychonomic Bulletin & Review; Psychophysiology; Quarterly Journal of Experimental Psychology;
- Examinador externo de doctorado:
 - Giles Greene, Cardiff University, 27 de enero 2006.
 - Mathieu Couture, Université Laval (Quebec, Canada), 7 de septiembre 2007.
 - Honey Ng Li Huang, University of Western Australia, septiembre 2007
 - Judith Dominguez Borrás, University of Barcelona, 14 de marzo 2008.
 - Bethan Akanbi-Mortimer, Cardiff University, 1 de abril 2008.
 - Atanaska Nokolova, Cardiff University, 16 de enero 2017.

- Émilie Jahanpour (University of Toulouse y Institut Supérieur de l'Aéronautique et de l'Espace, France), 17 de diciembre 2019.

ORGANIZACIÓN DE EVENTOS

- Organizador de un simposio sobre vinculación en la memoria de trabajo (24th Annual meeting of the BPS Cognitive Section, Aberdeen, 22-22 de agosto de 2007).
- Coorganizador de la XIth International Conference on Cognitive Neuroscience, Palma de Mallorca, España, 25-29 de septiembre de 2011.
- Coorganizador de un simposio titulado "Attentional blink like effects" en la 18th Meeting of the European Society for Cognitive Psychology, Budapest, 29 de agosto-1 de septiembre de 2013.
- Organizador de la 'Reunion científica sobre atencion' (RECA IX) en Palma de Mallorca (8-10 de mayo de 2013).
- Iniciador y coordinador de un curso de verano sobre "Estadística aplicada a las ciencias de la salud", UIB, 16-20 de julio de 2018.

