

PUBLICATIONS 2018

1. König A, Linz N, Troger J, Wolters M, Alexandersson J, Robert P. Fully Automatic Speech-Based Analysis of the Semantic Verbal Fluency Task. *Dementia and geriatric cognitive disorders*. 2018;45(3-4) :198-209.
2. Tröger, J., N. Linz, J. A. König, P. Robert, Alexandersson, J. Telephone-based Dementia Screening I: Automated Semantic Verbal Fluency Assessment. In *Proceedings of the 12th EAI International Conference on Pervasive Computing Technologies for Healthcare, PervasiveHealth '18*. ICST. - 21-24 May 2018, New York, USA 59-66.
3. G. Sacco, M. Thonnat, G. Ben Sadoun, P. Robert. An approach with serious exergames for assessment and stimulation of patients with neurocognitive disorders. *ISG International Society for Gerontechnology*, 2018, 17 (Supplement):150.
4. Stefan Teipel, Alexandra König, Jesse Hoey, Jeff Kaye, Frank Krüger, Julie M. Robillard, Thomas Kirste, Claudio Babiloni. Use of non-intrusive sensor-based information and communication technology for real world evidence for clinical trials in dementia. *Elsevier Inc*. 14(9) 2018, 1216-1231.
5. Alexandra König, Aharon Satt, Alex Sorin, Ran Hoory, Alexandre Derreumaux, Renaud David et Philippe H. Robert. Use of Automatic Speech Analyses within a mobile application for the Assessment of cognitive status in patients consulting a memory clinic. *Current Alzheimer Research* 2018 ;15(2) :120-129.
6. Luigi Antelmi, Nicholas Ayache, Philippe Robert, Valeria Manera, Marco Lorenzi. Multi-Channel Variational Inference for joint analysis of multi-modal imaging and clinical data: application to Alzheimer's Disease. *Understanding and Interpreting Machine Learning in Medical Image Computing Applications*, 2018:15-23
7. Denys Fontaine, Fabien Almairac, Serena Santucci, Charlotte Fernandez, Radhouane Dallel, Johan Pallud and Michel Lanteri-Minet. Dural and pial pain-sensitive structures in humans: new inputs from awake craniotomies ; *Brain* 2018 141(4)1040-1048.

8. Farhood Negin, Paul Rodriguez, Michal Koperski, Adlen Kerboua, Jordi Gonzàlez, Jeremy Bourgeois, Emmanuelle Chapoulie, Philippe Robert, Francois Bremond . PRAXIS: Towards automatic cognitive assessment using gesture recognition. *Expert Systems with Applications*, Elsevier, 2018, 106: 21 – 35.
9. Farhood Negin, Jérémy Bourgeois, Philippe Robert, Francois Bremond : A Gesture Recognition Framework for Cognitive Assessment Gerontechnology, ISG International Society for Gerontechnology, 2018,17(s) :169
10. P.Robert, K.L.Lanctôt L.,Agüera-Ortiz, P.Aalten, F.Bremond, M.Defrancesco, C.Hanon, R.David, B.Dubois, K.Dujardin, M.Husain, A.König, R.Levy, V.Mantua, D.Meulien, D.Miller, H.J.Moebius, J.Rasmussen, G.Robert, M.Ruthirakuhan,F.Stella, J.Yesavage, R.Zeghari,V. Manera. Is it time to revise the diagnostic criteria for apathy in brain disorders? The 2018 international consensus group. *European Psychiatry* 54, 2018 : 71-76
11. Aurélie Mouton, F. Blanc, A. Gros, V. Manera, R. Fabre, E. Sauleau, I. Gomez-Luporsi, K. Tifratene, L. Friedman, S. Thümmeler, C. Pradier, P. H. Robert and R. David : Sex ratio in dementia with Lewy bodies balanced between Alzheimer's disease and Parkinson's disease dementia: a cross-sectional study - *Alzheimer's Research & Therapy* 2018: 12 ; p 10:92.
12. Grossard C, Chaby L, Hun S,Pellerin H, Bourgeois J, Dapogny A, Ding H, Serret S, Foulon P,Chetouani M, Chen L, Bailly K, Grynszpan O and Cohen D: Children Facial Expression Production: Influence of Age, Gender, Emotion Subtype, Elicitation Condition and Culture - *Frontiers psyg-* 2018 ; 9: 446
13. Grégory Ben-Sadoun, Manera V, Alvarez J, Sacco G and Robert P Recommendations for the Design of Serious Games in Neurodegenerative Diseases - *Front Aging Neurosciences*. 2018 2;10:13.
15. Fernandez A, Dor E, Maurin T, Laure G, Menard ML, Drozd M, Poinso F, Bardoni B, Askenazy F, Thümmeler S (2018) Exploration and characterization of the phenotypic and genetic profiles of patients with early onset schizophrenia associated with autism spectrum disorder and their first-degree relatives: a French multicenter case series study protocol (GenAuDiss). *BMJ* 2018 5 ;8 (7) : 1-5
16. Chauvelin L, Gindt M; Olliac B, Robert P, Thümmeler S, Askenazy F (2018) Emergency organization of child psychiatric care following the terrorist attack on July 14th, 2016 in Nice, France. *Disaster Medicine and Public Health Preparedness* 2018: 6 : 1-3

17. Thümmler S, Dor E, David R, Leali G, Battista M, David A, Askenazy F, Verstuyft C (2018). Pharmacoresistant Severe Mental Health Disorders in Children and Adolescents: Functional Abnormalities of Cytochrome P450 2D6. *Front Psychiatry*. 2018, 9:2, 1-5
18. Askenazy F. L'urgence d'accueillir. *L'école des parents* 2018, 2 627 : 39-41.
19. Solla F, Carboni J, Bréaud J, Babe P, Bresac G, Chivoret N, ... Fernandez A 14th of July Terrorist Attack in Nice, France. *Academic Pediatrics*, 2018, 18:361–363.
20. Bonnard-Couton V, Lubrano S, Tosello AL, Serret S, Askenazy-Gittard F Autism spectrum disorders, a pilot parent-child unit. *Soins Pédiatr Pueric*. 2018 : 39 :37-41.
21. Orrado I, Battista M, Askenazy F, Fernandez A (2018). The psychologist in paediatric intensive care, liaison and separation. *Soins Pédiatr Pueric*. 2018, 39 :45-47.
22. Solla F, Carboni J, Fernandez A, Dupont A, Chivoret N, Brézac G, ... Bréaud, J (2018). Severe casualties from Bastille Day Attack in Nice, France. *European Journal of Trauma and Emergency Surgery* 2018, 1–8
23. Thümmler S, Askenazy F K-SADS-PL DSM-5 French version Mai 2018 (of K-SADS-PL DSM-5 November 2016, Kaufmann J, Birmaher B, Axelson D, Perepletchikova F, Brent D, Ryan N). *Société française de psychiatrie de l'enfant et l'adolescent*. 2018,1-54
24. Teipel S., König, A., Hoey, J, Kaye, J, Krüger, F, Robillard, JM, Kirste, T, Babiloni, C. Use of nonintrusive sensor-based information and communication technology for real-world evidence for clinical trials in dementia. *Alzheimers Dement*. 2018 ,14(9): 1216-1231.

COMMUNICATIONS ORALES, CONFERENCES ET POSTERS

Philippe Robert : Sensors & Serious games to assess motivation and stimulate cognitive, physical and social activity in people with AD & related disorders. Conférence invitée. 7^o rencontres scientifiques et cliniques de la Fondation Alzheimer, décembre 2018, Paris, France.

Askenazy F. « Que nous a appris l'attentat du 14.7.16 sur la promenade des anglais à Nice ? », Colloque international Equipes Mobiles et Psychotraumatismes, Décembre 2018, Rennes, France.

Battista M, Nachon O. « Le trauma chez l'enfant », Colloque Universitaire PSYCHOTRAUMATISMES ET MÉDECINES NON CONVENTIONNELLES, Décembre 2018, Nice, France.

Zeghari. R, Manéra V., Phan Tran M.K., David R., Robert P, Gros A. Intérêt d'un test d'amorçage émotionnel informatisé pour l'évaluation de l'apathie dans les troubles cognitifs. French journal of Psychiatry (2018) S125-S177 P082 (Congrès français de Psychiatrie 10ème edition) 28 nov- 1 dec, Nantes, France.

Philippe Robert : L'interface entre les troubles cogntif et la psychiatrie. Conference invité. 4^o Congrès Québécois sur la Maladie d'Alzheimer, Novembre 2018, Montreal,Canada.

Konig Alexandra. Vers une analyse automatisée des tâches cognitives : la fluence verbale sémantique. Congrès français de psychiatrie (CFP), 2018, 28 November – 1 December, Nantes, France.

Pr. Philippe Robert : Innovation Technologique et Maladies Neurodegeneratives - Utilisation des nouvelles technologies pour l'évaluation et la stimulation- (2ième journée scientifique du Centre d'Excellence BIND (23 novembre 2018) Bordeaux, France.

Philippe Robert – Raphael Zory - : Présentation de l'équipe CoBteK dans le cadre de la FRIS - Séminaire d'octobre 2018 du LAMHESS – Nice, France.

Askenazy F. « Recherche », « Diversité des Pratiques », FFAB, Septembre 2018 Nice, France.

Maria F. « Table ronde Recherche Fondamentale et Clinique”, FFAB, Septembre 2018 Nice, France.



R. Zeghari, M.K. Phan Tran, R.Fabre, R. Guerchouche, A. König, A. Gros, P. Robert, V. Manera - MoTAP : une application pour évaluer l'apathie auprès d'une population âgée. Poster Congrès 2018 septembre, Marseille, France.

Luigi Antelmi & al- MNC3

Multi-Channel Stochastic Variational Inference for the Joint Analysis of Heterogeneous Biomedical Data in Alzheimer's Disease

Conference article : 1st International Workshop on Machine Learning in Clinical Neuroimaging: Spatially Structured Data Analysis septembre- Granada, Espagne.

Clement Abi Nader & al – MNC3

Alzheimer's Disease Modelling and Staging through Independent Gaussian Process Analysis of Spatio-Temporal Brain Changes

Conference article : 1st International Workshop on Machine Learning in Clinical Neuroimaging: Spatially Structured Data Analysis septembre Granada, Espagne.

Philippe Robert, Apathy diagnostic criteria and MotAp

Oral presentation : Alzheimer's Association International Conference 2018 July 22-26 Chicago USA.

König, A., Francis, LE, Hoey, J. Emotionally Adaptive Technologies for People with Dementia. (oral presentation) at Alzheimer's Association International Conference (AAIC) 2018, July 22-26, Chicago, USA.

König, A., Linz, N., Tröger, J., Rainouard, A., Alexandersson, J., Robert, PH. Automatic Speech Analysis for the Detection of Emotional Disturbances in Persons with Dementia. at Alzheimer's Association International Conference (AAIC) 2018, July 22-26, Chicago, USA.

Valeria Manera & al - MNC3

Serious games to stimulate cognitive, social and physical activity and monitor cognitive performance in people dementia

Oral presentation: Alzheimer's Association International Conference 2018 July Chicago USA.

Linz, N., Klinge, X., Tröger, J., Alexandersson, J., Zeghari, R., Philippe, R., & König, A. Automatic Detection of Apathy using Acoustic Markers extracted from Free Emotional Speech. In 2nd workshop on ai for aging, rehabilitation and independent assisted living (arial)@ ijcai'18 July 2018, Stockholm Sweden.

König, A, Linz, N, Tröger, J, Alexandersson, J, Robert, P. Evaluation de troubles cognitifs et affectifs avec l'aide de l'intelligence artificielle et l'analyse automatisée de la parole. Réunion Francophone sur la Maladie d'Alzheimer et Syndromes Apparentés, 2018, 11-14 Juin, Lille, France .



Valeria Manera & al – MNC3

Utilisation des « Jeux Sérieux » chez les patients présentant des troubles cognitifs
Oral presentation : 11e Congrès International Francophone de Gérontologie et Gériatrie (CIFGG) Juin, Montreux – Suisse.

Olliac B, Vaiva G, Raynaud JP, Askenazy F. « Psychotrauma de l'enfant et de l'adolescent : comment accompagner en 2018 ? », Congrès SFPEADA, Juin 2018, Angers, France.

Askenazy F. « La question du debriefing », congrès SFPEADA, Juin 2018 Angers, France.

Olivier Guerin, Philippe Robert, Aurélie Mouton, Guillaume Sacco, Dr Julie Brousse, Dr Claire Albregues

Maladie neurodégénérative et troubles du comportement, accompagnement et communication : actualités et enjeux - Du jeudi 31 mai au vendredi 1er juin 2018
15ème rencontre des Médecins Coordonnateurs ORPEA , Nice, France.

Linz, N, Tröger J, Lindsay, H, König, A. Robert, PH, Peter J, Alexandersson, J. Language Modelling in the Clinical Semantic Verbal Fluency Task. – Workshop on Resources and Processing of linguistic, para-linguistic and extra-linguistic Data from people with various forms of cognitive/psychiatric impairments (RaPID-2)
8th of May 2018, International Conference on Language Resources and Evaluation (LREC) Miyazaki, Japon.

Luigi Antelmi & al – MNC3

Multi-Channel Variational Inference for joint analysis of multi-modal imaging and clinical data: application to Alzheimer's Disease
Poster: EPICLIN Congress May 2018 Nice, France.

Askenazy F. « Distorsions sensorielles et psycho-traumatisme de l'enfant ». Séminaire Signoret, Avril 2018. Caen, France.

König, A, Linz, N, Tröger, J, Alexandersson, J, Robert, P. Automatic Speech Analysis for the Assessment of Apathy. 26th European Congress of Psychiatry (EPA) 2018, 3-6 March, Nice, France.

König, A, Linz, N, Tröger, J, Alexandersson, J, Robert, P. Automated speech Analysis of Verbal Fluency ability for detection of cognitive impairment in elderly people. 26th European Congress of Psychiatry (EPA) 2018, 3-6 March, Nice, France.



Akenazy F. « Une étude épidémiologique et biomédicale sur les victimes de l'attentat de Nice ». Séminaire INA- MATRICE-Programme du 13 novembre, Mars 2018 Paris, France.

Thümmler S, Gindt M, Chauvelin L, Olliac B, Robert P, Askenazy F “Emergency organization of child psychological care during the first 48 hours following the terrorist attack on July 14th, 2016 in Nice, France”, EPA, Mars 2018 Nice, France.

Thümmler, S., Dor, E., David, A., Leali, G., Battista, M., Askenazy, F., Verstuyft, C “Functional Anomalies of Cytochrome P450 2D6 in Child and Adolescent Psychiatry: Case Reports”, Congrès EPA, Mars 2018 Nice, France.

Fernandez A, Bardoni B, Dor E, Florence A, Thummler S « Neurodevelopmental and childhood-onset schizophrenia in an adolescent presenting inherited 10q26.3 duplication », Congrès EPA, Mars 2018 Nice, France.

Luporsi I, David Renaud, Robert Philippe - Inventaire du déclin comportemental léger (MBI-C) 16ème congrès de l'encéphale du 24 au 26 janvier 2018, Paris, France.