

Curriculum Vitae**Stephen Ramanoël**

Associate professor (MCF), Psychology, Cognitive Neuroscience, Sport Sciences
LAMHCESS, University of Côte d'Azur



Last name: RAMANOËL

First name: Stephen

Date of birth: 09/07/1986

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CURRENT POSITION:

2020- Associate Professor, Laboratoire Motricité Humaine Expertise Sport Santé, Nice, France

2020- Associate Researcher, Vision Institute-Sorbonne University, Paris, France

PREVIOUS POSITIONS & TRAINING:

2020-2020 Postdoctoral fellow at Genève University (UNIGE), Switzerland

2016-2020 Postdoctoral fellow Vision Institute-Sorbonne University, Paris, France

2012-2015 PhD, Laboratoire de Psychologie et NeuroCognition, UGA, Grenoble, France

2011-2012 Internship at the Institut des Sciences Cognitives CNRS, Bron, France

2009-2010 Internship at Sport en Environnement Social, UGA, Grenoble, France

2008-2009 Internship at Kinesiology Center, Université de Montréal, Canada

ACADEMIC APPOINTMENTS & EDUCATION:

2020- Associate professor (MCF), Psychology, Cognitive Neuroscience, Sport Sciences

2020-2021 DU – Enseigner à l'Université, UCA, Nice, France

2012-2015 PhD in Cognitive Sciences, Psychology & NeuroCognition

2011 MSc in Cognitive Sciences, UGA, Grenoble, France

2009 MSc in Sport Sciences, UDM, Montreal, Canada & UGA, Grenoble, France

2007 BSc in Sport Sciences, UPPA, Tarbes, France

BIOSKETCH

I completed a first Master's degree in Sport Sciences at the *University of Grenoble*, France, and a second Master's degree in Cognitive Sciences at the *Institut National Polytechnique de Grenoble*. I then worked as a research engineer on functional magnetic resonance imaging (fMRI) in monkeys at the *Neurosciences Cognitive Center* (Lyon, France) for one year. In 2015, I obtained my PhD in Cognitive Sciences from the *University of Grenoble Alpes* under the supervision of Carole Peyrin (LPNC) and Michel Dojat (GIN). My thesis focused on the study of perception and cognition in the human brain using psychophysics and neuroimaging approaches. More specifically, I investigated (i) the retinotopic organization of spatial frequency processing in the visual cortex and (ii) the brain plasticity in normal and pathological aging (aged-related macular degeneration) using fMRI associated with retinotopic mapping. In addition, my thesis included methodological developments linked to the acquisition and the processing of fMRI data for clinical applications. In February 2016, I joined the Aging in Vision and Action laboratory at the *Vision Institute* in Paris as a postdoctoral fellow. I studied the impact of healthy aging on the cerebral bases of visual processing and spatial cognition using fMRI. In 2020, I realized a short postdoctoral internship at *Genève University* to investigate the cerebral bases of the need of autonomy. I recently joined the *University Côte d'Azur* as an associate professor of Psychology, Cognitive Neuroscience and Sport Sciences. My current research focuses on the impact of healthy aging on the cerebral bases subtending visual processing and spatial cognition. The methodological approach is highly interdisciplinary, bringing together clinical, psychophysical and behavioral assessments as well as neuroimaging paradigms and virtual reality. I am also very interested in advanced MRI data processing (pre-processing and statistical modelling) as well as optimization methods.

Keywords. *Visual perception, spatial cognition, visuospatial abilities, rehabilitation, Virtual reality, fMRI, MVPA, EEG, Healthy Aging, AMD patients, Retinotopic mapping.*

ACADEMIC AND SCIENTIFIC RESPONSABILITIES

- 2022- Supervision of the axis "*Sciences Cognitives et Computation*", MSHS, UCA, Nice
- 2021- Co-supervision of the scientific axis Functional Autonomy and Aging, LAMHESS, UCA, Nice
- 2021- Scientific committee of the axis "*Sciences Cognitives et Computation*", MSHS, UCA, Nice
- 2021- Scientific board of XR2C2 axe structurant, IDEX, UCA, Nice
- 2020- Supervision L3 Pro SVAPA, Santé Vieillessement et Activités Physiques Adaptées, UCA, Nice
- 2016- Supervision of the scientific axis NeuroImaging for the Agind in Vision and Action lab, IDV, Paris
- 2016-2018 Supervision of Authorization files for Research (CPP, ANSM) for fMRI protocols in healthy aging
- 2015-2016 Member of organizing committee "*Fête de la Science – Cerveau et Lumière*", UGA, Grenoble
- 2014-2015 Member of organizing committee "*European Meeting of Neurosciences*", GIN, Grenoble
- 2012-2014 Scientific staff for "*Fête de la Science*", "*Semaine du Cerveau*" and "*Lucie en tête*"

TEACHING ACTIVITIES

- 2022- Master 2 Psychologie, UCA, UE "*Nouvelles recherches sur le vieillissement*", 10H (EQTD)
- 2021- Master 2 Psychologie, UCA, UE "*Neuroplasticité et approches thérapeutiques*", 6H (EQTD)
- 2021- Master 1 STAPS APAS, UCA, UE "*Vieillessement normal et pathologique*", 10H (EQTD)
- 2021- Master 1 Psychologie, UCA, UE "*Neuropsychologie et Neuroplasticité*", 6H (EQTD)
- 2021- Licence 3 Pro SVAPA, UCA, UE "*Outils d'entraînement cognitif*", 10H (EQTD)
- 2020- Master 2 Neurosciences, Sorbonne Univ, UE "*Mémoire et Navigation spatiale*", 2H (EQTD)
- 2020- Licence 3 Pro SVAPA, UCA, UE "*Mémoire-Cognition*", 36H (EQTD)
- 2020- Licence 3 Pro SVAPA, UCA, UE "*Communication*", 40H (EQTD)
- 2020- Licence 2 APAS STAPS, UCA, UE "*Psychologie : motivation et émotion*", 70H (EQTD)
- 2020- Licence 1 PASS, UCA, UE, "*Psychologie des APSA*", 60H (EQTD)
- 2016-2019 Licence 2 APAS STAPS, UGA, UE "*Neurosciences des APS*", 67H (EQTD)
- 2012-2015 Licence 1 STAPS, UGA, UE "*Neurosciences Cognitives*", 58H (EQTD)
- 2012-2015 Licence 1 STAPS, UGA, UE "*Psychologie des APS*", 32H (EQTD)
- 2012-2015 Licence 1 STAPS, UGA, UE "*Informatique*", 21H (EQTD)

SUPERVISION OF PhD STUDENTS (n=2)

- 2021-2024 Maëliiss VIVION (co-supervisor with Pr. Mathy)
- 2019-2022 Marion DURTESTE (Alzheimer's Research Foundation doctoral grant – co-supervisor with Dr. Arleo)

SUPERVISION OF GRADUATE & UNDERGRADUATE STUDENTS (n=16)**MASTER 2 (n=9)**

- 2022 Clément NAVEILHAN (M2 Recherche, UCA, Activités Physiques Adaptées)
- 2022 Thissas BENKAROUN (M2 Recherche, UCA, Modeling for Neuronal and Cognitive Systems)
- 2022 Emma SAPOVAL (M2 Recherche, CogMaster, Sorbonne-ENS-University College London)
- 2022 Emilie BANKS (M2 Recherche, UCA, Master Psychologie)
- 2021 Louise VAN POUCKE (M2 Recherche, Euro-mediterranean Master in Neurosciences)
- 2021 Chloé DAGHER (M2 Recherche, Paris Descartes)
- 2019 Marion DURTESTE (M2 Recherche, CogMaster, Sorbonne-ENS-University College London)
- 2018 Marine LE PETIT (M2 Recherche, Sorbonne University)
- 2017 Elizabeth YORK (M2 Recherche, CogMaster, Sorbonne-ENS-University College London)

MASTER 1 (n=7)

- 2022 Golzar ATEFI (M1, 2months, UCA, Modeling for Neuronal and Cognitive Systems)
- 2021 Victor PERROT (M1, 2 months, UCA, Master Sciences Cognitives)
- 2021 Emma MASSY (M1, 2 months, Sorbonne University)
- 2018 Nicolas ROSSIGNOL (M1, 2 months, Ecole Polytechnique Fédérale de Lausanne, Suisse)
- 2017 Alice BIZEUL (M1, 6 months, Ecole Polytechnique Fédérale de Lausanne, Suisse)
- 2017 Nita VALIKODATH (medical internship, 2 months, Michigan University)
- 2015 Laura MARSHALL (medical internship, 1 month, Boston University)

AWARDS, HONORS, GRANTS & COMPETITIONS

- 2022 AAP NeuroMod “fMRI spatialization verbal Memory”, Univ. Côte d’Azur – Principal Investigator (5K €)
- 2022 AAP Académie 5 “Spatialisation en mémoire de travail”, Univ. Côte d’Azur – (14K €)
- 2022 AAP Cofund Académie 5, Doctorant Region PACA, Univ. Côte d’Azur - Principal Investigator (15K €)
- 2022 AAP FRIS “fMRI Device” Univ. Côte d’Azur – Principal Investigator (2K €)
- 2022 Crédits Scientifiques Incitatifs (CSI) - iBINGO - Univ. Côte d’Azur - Principal Investigator (22K €)
- 2021 Collaborator to the awarded ANR Research JCJC – Creative3D – WP-Behavior & Attention- (261K €)
- 2021 AAP NeuroMod « looking inside the box », Univ. Côte d’Azur – Principal Investigator (13K €)
- 2021 AAP Académie 5 «Vision-EEG-Navigaton», Univ. Côte d’Azur – Principal Investigator (4.9K €)
- 2021 Crédits Scientifiques Incitatifs (CSI) – NAV-VISION - Univ. Côte d’Azur - Principal Investigator (7K €)
- 2021 APP FRIS, Univ. Côte d’Azur – Collaborator (1.8K €)
- 2019 Alzheimer’s Research Foundation doctoral grant (PhD. Thesis Marion DURTESTE)
- 2019 Collaborator to the awarded ANR Research Chair Silversight II (WP NeuroImaging)
- 2019 Qualification to the functions of *Maître de Conférences* of Psychology
- 2019 Qualification to the functions of *Maître de Conférences* of Sport Sciences (STAPS)
- 2017 Best Poster Award: *Neuroscience Workshop Saclay: Neural Circuit and Behavior*
- 2016 Qualification to the functions of *Maître de Conférences* of Neurosciences (STAPS)
- 2016 Thesis Award: *Société française de résonance magnétique en biologie & médecine*
- 2015 Best Poster Award, 2015: *Société française de résonance magnétique en biologie & médecine*

Publication List

Stephen Ramanoël

Associate professor (MCF), Psychology, Cognitive Neuroscience, Sport Sciences
LAMHES, University of Côte d'Azur

INTERNATIONAL JOURNALS (n=17) - the * correspond to Master or PhD students

1. **Ramanoël, S†**., Durteste, M†*, Bizeul, A*, Ozier-Lafontaine, A*, Bécu, M., Rossignol, M., Habas, C., Arleo, A. (accepted). Selective neural coding of object, feature, and geometry spatial cues in humans. *Human Brain Mapping*. † = co-first authors.
2. **Ramanoël, S.**, Durteste, M*, Perot, V*, Habas, C., Arleo, A. (2022). An appraisal of the role of the neocerebellum for spatial navigation in healthy aging. *The Cerebellum*. <https://doi.org/10.1007/s12311-022-01389-1>
3. **Ramanoël, S.**, Durteste, M*, Delaux, A*, de Saint Aubert, A*, Arleo, A. (2022). Future trends in brain aging research: Visuo-cognitive functions at stake during mobility and spatial navigation. *Aging Brain*, vol.2. doi.org/10.1016/j.nbas.2022.100034
4. **Ramanoël, S†**., Allard, R†., Silvestre, D., Arleo, A. (2021). Variance-dependent neural activity in an involuntary averaging task. *Attention, Perception & Psychophysics*. doi: 10.3758/s13414-020-02223-8. † = co-first authors
5. Delaux, A*, de Saint-Aubert, JB*, **Ramanoël, S.**, Bécu, M., Gehrke, L., Klug, M., Chavarriaga, R., Sahel, JA., Gramann, K., Arleo, A. (2021). Mobile brain/body imaging of landmark-based navigation with high-density EEG. *European Journal of Neuroscience*. doi:10.1111/ejn.15190
6. **Ramanoël, S.**, Durteste, M*, Bécu, M., Habas, C., Arleo, A. (2020). Differential brain activity in regions linked to visuo-spatial processing during landmark-based navigation in young and healthy older adults. *Frontiers in Human Neuroscience*, 14, 440. doi: 10.3389/fnhum.2020.552111
7. Agathos, C., **Ramanoël, S.**, Bécu, M., Bernardin., D., Habas, C., Arleo, A. (2020). Cognitive-motor interference among older adults navigating in a real environment: behavioural indicators and neuroanatomical correlates. *Frontiers in Aging Neuroscience*, 12:588653. doi: 10.3389/fnagi.2020.588653
8. **Ramanoël, S.**, York, E*, Le Petit, M*, Lagrené, K., Habas, C., Arleo, A. (2019). Age-related differences in functional and structural connectivity in spatial navigation brain network. *Frontiers in Neural Circuits*, 13, 69. doi: 10.3389/fncir.2019.00069
9. **Ramanoël, S.**, Hoyau, E*, Kauffmann, L., Renard, F., Pichat, C., Boudiaf, N., Krainik, A., Jaillard, A., Baciú, M. (2018). Gray matter volume and cognitive performance during normal aging. A voxel-based morphometry study. *Frontiers in Aging Neuroscience*, 10, 235. doi: 10.3389/fnagi.2018.00235
10. **Ramanoël, S.**, York, E*, Habas, C. (2018). Participation of the caudal cerebellar lobule IX to the dorsal attentional network. *Cerebellum and Ataxia*, 5(1), 9. doi: 10.1186/s40673-018-0089-7
11. **Ramanoël, S.**, Chokron, S., Ruxandra, H., Kauffmann, L., Chiquet, C., Krainik, A., Peyrin, C. (2018). Age-related macular degeneration changes the processing of visual scenes in the brain. *Visual Neuroscience*, 35. doi: 10.1017/S0952523817000372
12. Peyrin, C., **Ramanoël, S.**, Roux-Sibilon, A., Chokron, S., Hera, H. (2017). Scene perception in age-related macular degeneration patients: effect of spatial frequencies and contrast in residual vision. *Vision Research*, 130. doi: 10.1016/j.visres.2016.11.004
13. **Ramanoël, S.**, Kauffmann, L., Cousin, E., Dojat, M., Peyrin, C. (2015). Age-related differences in spatial frequency processing during scene categorization. *Plos One*, 10(8). doi: 10.1371/journal.pone.0134554
14. Kauffmann, L., **Ramanoël, S.**, Guyader, N., Chauvin, A., Peyrin, C. (2015). Spatial frequency processing in scene-selective cortical regions. *NeuroImage*, 112, 86-95. doi: 10.1016/j.neuroimage.2015.02.058
15. Kauffmann, L., **Ramanoël, S.**, Peyrin, C. (2014). The neural bases of spatial frequency processing during scene perception. *Frontiers in Integrative Neurosciences*, 8. doi: 10.3389/fnint.2014.00037
16. Musel, B., Kauffmann, L., **Ramanoël, S.**, Giavarini, C., Guyader, N., Chauvin, A., Peyrin, C. (2014). Coarse-to-fine processing of visual scenes within scene-selective cortex. *Journal of Cognitive Neuroscience*, 26(10). doi: 10.1162/jocn_a_00643
17. Wardak, C., **Ramanoël, S.**, Guipponi, O., Boulinguez, P., Ben Hamed, S. (2012). Proactive inhibitory control varies with task context. *European Journal of Neuroscience*, 36(11). doi: 10.1111/j.1460-9568.2012.08264.x

ARTICLES SUBMITTED, IN REVISION OR IN PREPARATION

1. Bécu, M., Sheynikhovich, D., **Ramanoël, S.**, Tatur, G., Ozier-Lafontaine, A., Sahel, JA., Arleo, A. (BioRxiv). Modulation of spatial cue processing across the lifespan: a geometric polarization of space restores allocentric navigation strategies in children and older adults. doi:10.1101/2020.02.12.945808

INVITED SEMINARS

- 2021 **Ramanoël, S.** The neural correlates of visuo-spatial information processing in healthy aging. The Smith-Kettlewell Eye Research Institute (SKERI), San Francisco, USA
- 2021 **Ramanoël, S.** Vieillesse et capacités de navigation spatiale : le rôle de la vision. *MSHS Sud-Est, Axe 1 Sciences Cognitives et Computation*, Univ. Côte D'Azur, France
- 2021 **Ramanoël, S.** The neural correlates of visuo-spatial information processing in healthy and pathological aging. *BioVISION Group INRIA*, Nice Sophia-Antipolis, France
- 2019 **Ramanoël, S.** The neural correlates of visuo-spatial information processing in healthy aging. *LPNC, UGA* Grenoble, France
- 2018 **Ramanoël, S.** Age-related differences on brain structures involved in spatial navigation abilities and visual information processing. *SCALab*, Lille, France.
- 2017 **Ramanoël, S.** Apports de la NeuroImagerie en R&D dans l'étude du vieillissement visuel et cognitif. *Essilor International*. Paris, France

CONFERENCE ABSTRACTS, oral & poster (n=35) - the * correspond to Master or PhD students

1. **Ramanoël, S.**, Durteste, M*, Delaux, A*, Habas, C., Arleo, A. (2022). The neural underpinnings of visual information processing for spatial navigation in healthy aging. *22nd conference of the European Society for Cognitive Psychology (ES COP)*, Lille, France.
2. Vivion, M*, Ftaïta, M*, **Ramanoël, S.**, Guida, A., Mathy, F. (2022). Spatialization in working memory depends upon the number of items probed during a recognition task: the role of scanning items repetitively. *22nd conference of the European Society for Cognitive Psychology (ES COP)*, Lille, France.
3. Durteste, M*, Van Poucke, L*, Combariza, S., Benziane, B., Arleo, A†, **Ramanoël, S†**. (2022). Spatial memory in healthy ageing is modulated by upper-lower visual field asymmetries. *Federation of European Neuroscience Societies (FENS)*, Paris, France. † = co-last authors
4. Delaux, A*, Durteste, M*, Ariztégui, A*, Benziane, B., **Ramanoël, S.**, Arleo, A. (2022). Functional implications of vertical coding biases in scene-selective regions on spatial orientation: evidence from source localized EEG recording. *Federation of European Neuroscience Societies (FENS)*, Paris, France.
5. Durteste, M*, Van Poucke, L*, Benziane, B., Arleo, A†, **Ramanoël, S†**. (2022). The vertical position of visual information influences memory in healthy aging. *Colloque des Jeunes Chercheurs en Sciences Cognitives (CJC-SCo)*, Paris, France. † = co-last authors
6. Rocco, G*, **Ramanoël, S.**, Habas, C., Arleo, A., Meste, O., Magnié-Mauro, MN., Lebrun, J. (2022). When fNIRS meets fMRI to complement cerebellar exploration. *IEEE International Symposium on Biomedical Imaging (ISBI)*, Kolkata, India.
7. Agathos, P., **Ramanoël, S.**, Bécu, M., Bernardin, D., Habas, C., Arleo, A. (2021). Postural control interacts with spatial learning in older adults navigating in an ecological environment. *19^{ème} Congrès International de l'Association des Chercheurs en Activités Physiques et Sportives (ACAPS)*, Montpellier, France.
8. **Ramanoël, S.** (2021). Vieillesse et Autonomie : rôles de la vision sur la navigation spatiale. *Journée Interventions en Santé chez la Personne Agée (ISPA)*, Nice, France.
9. Delaux, A*, De Saint Aubert, J,B*, **Ramanoël, S.**, Bécu., Gehrke, L., Klug, M., Chavarriga, R., Sahel,J,A., Gramann, K., Arleo, A. (2021). Mobile brain imaging of active landmark-based navigation using immersive virtual reality and high-density EEG. *49th Meeting of the European Brain and Behaviour Society*, Lausanne, Switzerland.
10. De Saint Aubert, J,B*, Delaux, A., **Ramanoël, S.**, Bécu., Gehrke, L., Klug, M., Chavarriga, R., Sahel,J,A., Gramann, K., Arleo, A. (2021). Cortical and behavioral correlates of active landmark-based navigation with high-density EEG. *International virtual meeting NeuroFrance*.
11. Durteste, M*, **Ramanoël, S.**, Bécu., Habas, C., Arleo, A. (2021). Differential brain activity in regions linked to visuo-spatial processing during landmark-based navigation in young and healthy older adults. *Journées d'Etudes du Vieillesse (JEV), 20 et 21 mai*, Lyon, France.
12. Durteste, M*, **Ramanoël, S.**, Bécu., Habas, C., Arleo, A. (2020). Age-related differences in brain regions linked to visuo-spatial processing during landmark-based navigation. *15^{ème} Journée Scientifique des Jeunes Chercheurs en Psychologie*, Lille, France.
13. Bécu, M., Sheynikhovich, D., **Ramanoël, S.**, Tatur, G., Ozier-Lafontaine, A., Sahel, JA., Arleo, A. (2020). Modulation of spatial cue processing across the lifespan: a geometric polarization of space restores allocentric navigation strategies in children and older adults. *In Interdisciplinary Navigation Symposium (iNAV)*.
14. Durteste, M*, **Ramanoël, S.**, Bécu., Habas, C., Arleo, A. (2020). Age-related differences in brain regions linked to visuo-spatial processing during landmark-based navigation. *Neuromatch 3.0*.

15. **Ramanoël, S.**, Durteste, M*, Bizeul, A*, Ozier-Lafontaine, A*, Bécu, M., Rossignol, N., Habas, C., Arleo, A. (2019). Distinct cerebral structures are involved in landmark- vs. geometry based spatial navigation. *Society for Neuroscience (SfN)*. Chicago, USA.
16. **Ramanoël, S.**, Durteste, M*, Bizeul, A*, Bécu, M., Habas, C., Arleo, A. (2019). Age-related differences in the neural bases of landmark versus geometric spatial cue processing. *Colloque International: Vieillesse, tours, contours et perspectives, Tours, France*.
17. Agathos, C., **Ramanoël, S.**, Bécu, M., Konogan, B., Bernardin, D., Arleo, A. (2019). Cognitive-motor interference in older adults while navigating in an ecological environment. *International Society of Posture & Gait Research (ISPGR)*. Edinburgh, Scotland.
18. Agathos, C.P., **Ramanoël, S.**, Bécu, M., Baranton, K., Bernardin, D., & Arleo, A. (2019) An alternative view of dual-tasking in older adults: cognitive-motor interference while navigating in an ecological environment. *Société Francophone Posture Équilibre et Locomotion (SOFPEL)*, Montreal, Quebec, Canada.
19. Bécu, M., Tatur, G., Sheynikhovich, D., **Ramanoël, S.**, Agathos, C., Ozier-Lafontaine, A., Arleo, A. (2018). Age-related preferences for geometric cues: when aging does not impair allocentric strategies. *Interdisciplinary Symposium on Spatial Cognition in Aging & Neurodegeneration (iSCAN)*. Magdeburg, Germany.
20. Bécu, M., Tatur, G., Sheynikhovich, D., **Ramanoël, S.**, Agathos, C., Arleo, A. (2018). Age-related preference for geometric cues during real-world navigation: behavioral and neuroimaging correlates. *In Interdisciplinary Navigation Symposium (iNAV)*, Mont-Tremblant, Canada.
21. **Ramanoël, S.**, York, E*, Lagrené, K., Habas, C., Arleo, A. (2017). Age-related changes in functional connectivity on scene processing and spatial navigation networks. *Neuroscience Workshop Saclay: Neural Circuit and Behavior (NeWS)*. Saclay, France.
22. **Ramanoël, S.**, Bécu, M., Tatur, G., Lagrené, K., Habas, C., Arleo, A. (2017). Age-related changes in spatial learning of a real environment and gray matter integrity. *Neuroscience Workshop Saclay: Neural Circuit and Behavior (NeWS)*. Saclay, France.
23. Peyrin, C., **Ramanoël, S.**, Ruxandra, H., Chiquet, C., Krainik, A., Chokron, S. (2017). Functional cerebral reorganization of visual scene processing in age-related macular degeneration. *NeuroFrance*. May, Bordeaux France.
24. **Ramanoël, S.**, Peyrin, C., Dojat, M. (2016). Vers une cartographie rétinotopique rapide des aires visuelles en IRMf. *Congrès National Imagerie du Vivant*, Paris, France.
25. **Ramanoël, S.**, Kauffmann, L., Cousin, E., Dojat, M., Peyrin, C. (2015). Age-related differences in spatial frequency processing during scene categorization. *Organization of Human Brain Mapping (OHBM)*, Hawaii, USA.
26. Kauffmann, L., **Ramanoël, S.**, Guyader, N., Chauvin, A., Peyrin, C. (2015). Spatial frequency processing within scene-selective cortical regions. *Organization of Human Brain Mapping (OHBM)*, Hawaii, USA.
27. **Ramanoël, S.**, Kauffmann, L., Guyader, N., Chauvin, A., Pichat, C., Dojat, M., Peyrin, C. (2014). Effect of RMS contrast normalization on the retinotopic processing of spatial frequencies during scene categorization. *Vision Science Society*, St Petersburg Beach, USA.
28. Kauffmann, L., Chauvin, A., Guyader, N., **Ramanoël, S.**, Peyrin, C. (2014). Does RMS contrast normalization impair coarse-to-fine processing of natural scenes? *Vision Science Society*, St Petersburg Beach, USA.
29. **Ramanoël, S.**, Kauffmann, L., Cousin, E., Dojat, M., Peyrin, C. (2014). Age-related differences in spatial frequency processing during scene categorization. *GDR Vision*, Lyon, France.
30. **Ramanoël, S.**, Kauffmann, L., Guyader, N., Chauvin, A., Pichat, C., Dojat, M., Peyrin, C. (2014). Effets de la normalisation de contraste RMS sur le traitement rétinotopique des fréquences spatiales dans la catégorisation de scènes. *5^{ème} Rencontres du Pôle Grenoble Cognition*.
31. Kauffmann, L., **Ramanoël, S.**, Guyader, N., Chauvin, A., Peyrin, C. (2014). Quand un contrôle devient un biais : effet de l'égalisation du contraste sur le traitement des fréquences spatiales. *5^{ème} Rencontres du Pôle Grenoble Cognition*.
32. Peyrin, C., Musel, B., Kauffmann, L., Guyader, N., Pichat, C., **Ramanoël, S.**, Chauvin, A. (2012). Coarse-to-Fine categorization of scenes within the parahippocampal place area. *Cognitive Neuroscience Society*, San Francisco, USA.
33. Kauffmann, L., Musel, B., Chauvin, A., Guyader, N., Pichat, C., **Ramanoël, S.**, Le Bas, J. F., Peyrin, C. (2012). Dynamic scenes as an experimental tool to investigate the neural substrates of coarse-to-fine processing in scene perception. *Cognitive Neuroscience Society*, San Francisco, USA.
34. Van Hoye, A., **Ramanoël, S.**, Heuze, J.-P., Sarrazin, P. (2010), French validation of the behavioral regulation in sport questionnaire (BRSQ) by adolescents. *Proceedings of the Fourth International Conference on Self-Determination Theory* (p. 85). Ghent, Belgium.