



# LAURÉATS 2019 ERC GENERATOR

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Nom du lauréat et laboratoire	Titre du projet	Domaine*
<b>Pascal Antoine</b> , Laboratoire de Sciences Cognitives et Affectives (UMR CNRS 9193 SCALab)	<i>TADAND - Towards A Dyadic Approach to Neurodegenerative Diseases</i>	SSH
<b>Fabrizio Bianchi</b> , Laboratoire Paul Painlevé - UMR 8524	<i>NePeCAD - New Perspectives in Complex Analytic Dynamics</i>	PES
<b>Anna Rita Cantelmo</b> , Laboratoire de physiologie cellulaire U1003	<i>Vessel Metamorphosis - Investigating the link between ion channels and metabolism in endothelial-to-mesenchymal transition during cancer progression and metastases</i>	LS
<b>Gilles Chantraine</b> , CLERSE- Centre Lillois d'Etudes et de Recherches Sociologiques et Economiques - UMR 8019	<i>VIOLENTIAM - Violent extremism, prison, security and the State: European and trans-national comparisons</i>	SSH
<b>Serge Dauchy</b> , UMR 8025 Centre d'histoire judiciaire	<i>BOOKS Books that made the Law in the Americas. The dissemination and influence of European legal Literature in the Americas from the 16th until the 20th century.</i>	SSH
<b>Isabelle Fournier</b> , PRISM Inserm U1192	<i>Ai-LIVE - Artificial Intelligence for Laser in vivo Mass Spectrometry Guided Surgery (Ai-LIVE)</i>	LS
<b>Leone Gazziero</b> , Savoirs, Textes, Langage (STL)	<i>RevLog - Logic in Reverse. Fallacies in the Latin and the Islamic traditions (À « RevLog À »)</i>	SSH
<b>Sophie Halliez</b> , Centre de Recherche Jean-Pierre AUBERT Neurosciences et Cancer (JPArC)	<i>Respect - A Slice Chip to model the Regional Specificity of Tau Pathology Propagation</i>	LS
<b>Houria Kabbour</b> , UCCS Unité de Catalyse et de Chimie de Solide UMR 8181	<i>ANION-COMBO - Intelligent harvesting of new multi-ANIONS inorganic phases by COMBining simulatiOn, cristallochemistry and experience: toward new tailored electronic and spin properties</i>	PES
<b>Saïd Laasiri</b> , UCCS Unité de Catalyse et de Chimie de Solide UMR	<i>GAP - Green Ammonia Production by Nitrogen Chemical looping</i>	PES
<b>Sébastien Merkel</b> , UMET	<i>Structure, behavior, and Evolution of the Earth's Metallic Core</i>	PES
<b>Arnaud Mussot</b> , Laboratoire de Physique des Lasers, Atomes et Molécules - PHLAM-UMR 8523	<i>EXAT - Extreme waves in optics</i>	PES
<b>Thomas Rey</b> , Laboratoire Paul Painlevé - UMR 8524	<i>MANAKINEQO - Mathematical and Numerical Advances in Kinetic Equations</i>	PES
<b>Jianfu Shao</b> , LaMcube	<i>MULTIFRAC - Multiscale study of cracking and fracturing in cohesive geomaterials</i>	PES
<b>Xin Zhou</b> , IEMN - UMR 8520	<i>Microwave Optomechanical circuits for Signal processing in a wide range of Temperatures</i>	PES

\*Life Sciences (LS), Physical and Engineering Sciences(PES) et Social Sciences and Humanities (SSH)