Holders of Inria International Chairs

The list of candidates in the Inria International Chairs program.

Name	Position	Host project-team	Topic	Years
Fredo Durand	Professor - MIT, USA (site)	GRAPHDECO	A probalistic approach to forward and inverse computer graphics	2016-2020
Kim Larsen	Director of CISS, Centre for Embedded Software Systems, Danemark (site)	TAMIS	Specification and analysis of systems	2016-2020
Marcelo Wanderley	Professor & William Dawson Chair in Music Technology – McGill Univerity, Canada (site)	MJOLNIR	Expert interaction with devices for musical expression	2016-2020
Miguel Anjos	Professor and Canada Research chair Director - Ecole Polytechnique de Montréal, Canada (site)	INOCS	Power Peak Minimization for the Smart Gird	2016-2020
Raouf Boutaba	Professor – University of Waterloo, Canada (site)	MADYNES	Monitoring of Softwarized Networks/Orchestration in Softwarised Networks/Cloud Resource Provisioning and Managment	2017-2021
David Marcum	Professor - Mississippi State university, United States (site)	GAMMA3	Unstructured Mesh Generation	2017-2021
Paul Smolensky	Professor - Johns Hopkins University, United States (site)	COML	Contribute to the development of a Fifth Generation of Artificial Intelligence: AI-5	2017-2021
Rajesh Gupta	Professor - University of California, San Diego, United States (site)	TEA	End-to-end System Co-design	2017-2021
Leonid Fridman	Professor - Departmento de Ingenieria de Control y Robotica - UNAM, Mexico (site)	NON-A	Finite-time control and observation in SoS by	2017-2021
Joanna Mcgrenere	Professor - Department of Computer Science - British Columbia, University Vancouver, Canada (site)	EX-SITU	Personalization through Co-Adaptive Human-Computer Interaction	2017-2021

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Career Information

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Catherine Plaisant	Senior Research Scientist - Human-Computer Interaction Lab, Maryland University, United-States (site)	AVIZ	Visual Analytics for Exploratory Data Analysis	2018-2022
Frédéric Valentin	Chief of Department - Computational and Mathematical Methods, LNCC (Laboratoire National de Calcul Scientifique) Petropolis, Brazil (site)	NACHOS	Innovative Multiscale Numerical Algorithms for Wave/Matter Interaction Models at Nanoscale	2018-2022
Warwick Tücker	Director of the Department of Mathematics, University of Uppsala, Sweden (site)	ARIC	Attracteur de Hénon et sur des intégrales abéliennes liées aux 16e problème de Hilbert	2018-2022
Rémi Abgrall	Professor, Zurich University, Switzerland (site)	CARDAMOM	Numerical approximation of complex PDEs & Interaction between modes, schemes, data and ROMs	2019-2023
Ian Akyildiz	Director of Broadband Wireless Networking Lab School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, United States (site)	FUN	CONNEXIO: Heterogeneous Molecular Communication for Internet of Bio-NanoThin	2019-2023
Jean-Luc Guermond	Professor, Department of Mathematics, Texas A&M, College Station, United States (site)	SERENA	Curved H(div), H(curl) elements, and magnetohydrodynamics & Approximation of hyperbolic systems	2019-2023
Edward Lank	Professor, University of Waterloo, Canada (site)	LOKI	Rich, Reliable Interaction in Ubiquitous Environments	2019-2023
Sean Meyn	Professor, Department of Electrical and Computer Engineering, University of Florida, United States (site)	DYOGENE / SIERRA	Distributed Control and Smart Grid	2019-2023
Andrei Agrachev	Professor, International School for Advanced Studies (SISSA), Trieste, Italy (site)	CAGE	Sub-Riemannan geometry and applicatons	2020-2024
Scott Baden	Professor, Department of Computer Science and Engineering, University of California, San Diego, United States (site)	STORM	Code transformations for improving performance and productivity of PGAS applications	2020-2024
Thomas Vidick	Professor, California Institute of Technology, Pasadena, United States (site)	SECRET	Quantum cryptography, error-correcting codes and complexity	2020-2024

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Former IIC holders 2013-2015

Career Information

- <u>John Canny</u>, Professor - Berkeley University, Willow project-team, *Interactive Robotic Agents for Preschool Learning* (2013-2017)

- <u>Pierre L'Ecuyer</u>, Professor - Montreal University, Dionysos project-team, *Methods and Tools for Effective Stochastic Simulation* (2013-2017)

- <u>Victor Vianu</u>, Professor - San Diego University, Dahu project-team, *Data-Driven Collaborative Workflows* (2013-2017)

- <u>Paul Bressloff</u>, Professor - Salt Lake City University, NeuromathComp project-team, *Mathematical modeling and analysis of continuum neural fields* (2014-2018)

- Mathieu Desbrun, Professor - CalTech University, Titane project-team, *Efficient conversion between real, digital, and abstract representations of shapes* (2014-2018)

- Thierry Coquand, Professor - Gothenburg University, PI.R2 project-team, *Formal development of univalent mathematics* (2014-2018

- <u>Robert Davis</u>, Senior Research Fellow - University York, Aoste project-team, *Integrating Mixed Criticality into Cyber Physical Systems* (2014-2018)

- <u>Pierre Vandergheynst</u>, Professor - École Polytechnique Fédérale de Lausanne, Panama project-team, *Fondations théoriques et algorithmiques du traitement du signal sur des graphes* (2014-2018)

- José Leon   Professor – Central University of Venezuela (site) – AIRSEA - *Identification de paramètres et autres problèmes inverses pour les équations différentielles stochastiques* (2015-2019)

- Dennis Shasha   Professor - Courant Institute of Mathematical Sciences, New York University – ZENITH, *Data Science in Dynamic World* (2015-2019)

- Deborah Agarwal   Senior Fellow - Berkeley Institute for Data Science, University of California Berkeley – MYRIADS - *Workflow, user centered design, and data management as well as mobile applications for data science* (2015-2019)

Contact

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