

IASCYS

## The 2019 **Charles François International Prize of the International Academy for Systems and Cybernetic Sciences**



Francisco Gómez  
Universidad Nacional de Colombia  
Facultad de Ciencias  
Departamento de Matemáticas  
Bogotá, Colombia

During the *World International Conference on Complex Systems*, in Ouarzazate, Morocco, the 2019 **Charles François International Prize of the International Academy for Systems and Cybernetic Sciences (IASCYS <http://iascys.org>)**, **gold medal**, was awarded to Francisco GOMEZ ([fagomezj@gmail.com](mailto:fagomezj@gmail.com)) for his talk about “*The Role of Communities in the Fear of Crime.*”

Francisco Gomez, PhD in Computer Sciences, is working in *computational modeling* of biological systems, and specifically, brain imaging and computational ecology. He is Assistant Professor in the *Departamento de Matemáticas, at Universidad Nacional de Colombia, Facultad de Ciencias, Bogotá, Colombia*, Latin America.

During his undergraduate studies, he worked as research assistant in a research group in computer graphics and image processing in Colombia. Later, he was involved in different projects: e-learning systems, computer games, optimization tools for intelligent transportation systems and computer vision tools for people monitoring, optical character recognition and fingerprint recognition. He worked as postdoctoral researcher in the Cyclotron Research center of Liege, Belgium, Europe. His current research interests include: Brain resting activity, Computational Ecology, Predictive Policing. His paper was co-authored with Cristian PULIDO.

Three **silver medals** were also awarded to:



Fadoua MANSOURI  
SIM team of MISC Laboratory  
Faculty of Science, University Ibn TOFAIL,  
Kenitra, Morocco

Fadoua MANSOURI ([mansourifadoua@gmail.com](mailto:mansourifadoua@gmail.com)), PhD in *Communication Engineering* (Kenitra, Morocco), *Engineer in Computer Engineering* of the Mohamed VI International Academy of Civil Aviation (Casablanca, Morocco), for her talk about “*Detection and analysis of the polarity of discourse in Moroccan sociolect.*”

Currently she is working as Software Engineer in Analysis, Design and Development, at Via Software, Tangier, Morocco. Her research interests are about *analysis and synthesis of opinions on the web and social networks*. Her paper was co-authored with Sadiq ABDELALIM.

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Stephan Peter  
Ernst-Abbe University of Applied Sciences Jena,  
Carl-Zeiss-Promenade 2, 07745 Jena, Germany  
Bio Systems Analysis Group, Department of Mathematics and Computer  
Department of Mathematics and Computer Science,  
University of Jena, Ernst-Abbe-Platz 2, Jena 07743, Germany

Stephan PETER ([stephan.peter@eah-jena.de](mailto:stephan.peter@eah-jena.de)), Ph.D. student in *Bio Systems Analysis* at the University of Jena, for his talk about “*Chemical Organization Theory of Reaction-diffusion systems.*” Currently he is a Lecturer at the University of Applied Sciences in Weihenstephan-Triesdorf, Nuremberg, and Jena, (*Mathematics, Statistics, Programming, Physics*), Germany. He was Research Assistant, at the Locomotion Laboratory, FSU Jena (*Research in Locomotion of humans, animals, and robots*). He developed Chemical Organization Theory further and applies it to the analysis of Complex Systems, currently in the field of virus dynamics

His paper was co-authored with Peter DITTRICH and Bashar IBRAHIM (Chair of Bioinformatics, *Matthias-Schleiden-Institute, University of Jena, Germany*).

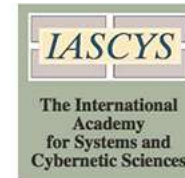


Luis Ramada Pereira  
ISTAR Instituto Universitário de Lisboa  
ISCTE - IUL  
Lisbon, Portugal

Luis Ramada PEREIRA ([m4472@iscte-iul.pt](mailto:m4472@iscte-iul.pt)), PhD candidate in Network Science, for his talk about “*A Taxonomy of Community Lifecycle Events in Temporal Networks.*”

Luis Ramada Pereira was first an Information Technology & Communication Industry professional with extensive technical and executive experience. His professional interests range from technology to leadership, management and sales oriented roles. His emerging topics of interest are machine learning and data and network science.

His paper was co-authored with Rui J. LOPES and Jorge LOUÇA.



Toutes mes félicitations pour votre remarquable travail récompensé par ce prix de l'Académie. J'espère que cet ouvrage offert en témoignage de votre succès vous sera un appui et d'une aide conséquente pour l'avenir. Cordialement. Charles François

Todas mis felicitaciones por su trabajo notable recompensado por este premio de la Academia. Espero que esta Enciclopedia ofrecida como homenaje de su éxito le sea un apoyo y ayuda consistente para el futuro. Cordialmente Charles François



Congratulations for your remarkable work awarded by this prize of the Academy. I hope that this Encyclopedia offered as a work of your success will be for you a constant contribution and substantial aid for the future. Cordially Charles François

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