

GEC 2017 Invited Speakers

Go from Invited Talk to Invited Talk with this "Chronological List of Invited Speakers"

Dussart, Remi	GREMI - Univ Orleans – CNRS	DT1 01	Salon D	Microdischarge integration on silicon based devices
Uchida, Satoshi	Tokyo Metropolitan Univ	DT3 01	Oakmont Junior Ballroom	Numerical investigation of interactions between reactive oxygen species and biological membrane in atmospheric nonequilibrium plasma with molecular dynamics
Maguire, Paul	University of Ulster	ET1 01	Salon D	Solvated electrons and plasma -- liquid chemistry in plasma exposed microdroplets
Kinoshita, Keizo	Photonics Electronics Techn. Res. Assoc.	ET3 01	Oakmont Junior Ballroom	Etching for new devices
Pasko, Victor	Penn State University	ET2 03	Duquesne	Modeling and simulation of lightning related transient luminous events at high altitude in the Earth's atmosphere
Wang, Mingmei	TEL Techn. Center, America	ET3 04	Oakmont Junior Ballroom	Atomic Layer Etch: A concurrent plasma modeling and process approach
Ma, Xinwen	Institute Mod. Phys., Chinese Acad. Sci.	FT3 01	Oakmont Junior Ballroom	New type of asymmetries in two-center interferences observed in ion-molecular collisions
Nagy, Ladislau	Babes-Bolyai University	FT3 02	Oakmont Junior Ballroom	The effect of projectile wave packet width on the fully differential ionization cross sections
Campanell, Michael	Lawrence Livermore Natl Lab	FT2 03	Duquesne	Hot-cathode-current mode transitions
Charlton, Michael	Swansea University	JW3 01	Oakmont Junior Ballroom	Fresh Insights and Initiatives in Low Energy Scattering Processes Involving Antiparticles
Buckman, Stephen	Australian National Univ	JW3 02	Oakmont Junior Ballroom	Gaseous positronics -- Cross sections, scattering dynamics and applications for low-energy positron interactions with matter
Franek, Jim	West Virginia Univ	JW2 05	Duquesne	Single emission-line-ratio techniques for correlating reduced electric field, electron energy distribution, and metastable-atom density in a pulsed argon discharge

Bartschat, Klaus Drake University KW1 01 Salon D
 Will Allis Prize for the Study of Ionized Gases: Electron collisions -- Experiment, theory, and applications

MW1 1 Salon D Go, David B. University of Notre Dame
 Field emission and its effect on micro-discharge formation

MW2 03 Duquesne Starikovskaia, Svetlana LPP Ecole Polytechnique
 Kinetics of nanosecond discharges at high specific energy release

MW3 05 Oakmont Junior Ballroom Taccogna, Francesco CNR-Nanotec P.Las.M.I. Lab
 Multi-dimensional PIC modelling of crossed-fields low temperature plasma devices

QR3 01 Oakmont Junior Ballroom Martin, N.L.S. University of Kentucky
 Free-free experiments: the search for dressed-atom effects

QR2 03 Duquesne Adamovich, Igor Ohio State Univ
 Electric field measurements in nanosecond pulse discharges in air over solid and liquid dielectric surfaces

QR3 04 Oakmont Junior Ballroom Ambrosio, Marcelo Kansas State Univ
 Double ionization of helium by electron and proton impact. A Generalized Sturmian Functions approach

RR3 01 Oakmont Junior Ballroom Fursa, Dmitry Curtin Univ of Technology
 Adiabatic-nuclei calculations of electron and positron scattering from molecular hydrogen and its ion

RR3 02 Oakmont Junior Ballroom Chen, Xiangjun Univ Sci. & Techn. China
 Fragmentation dynamics of simple molecules by electron collision

SR1 01 Salon D Lee, Hae June Pusan National University
 An advanced particle-in-cell simulation parallelized with GPUs for a capacitively coupled plasma reactor

SR2 03 Duquesne Foster, John Univ Michigan-Ann Arbor
 Understanding the plasma-liquid interface: Progress and challenges

SR3 05 Oakmont Junior Ballroom Gibson, A. R. University of York, UK
 Tailoring charged particle distribution functions and chemical kinetics in non-thermal plasmas using multiple frequency excitation

SR1 06 Salon D Teunissen, Jannis KU Leuven, Belgium
 Modeling streamer discharges in strong magnetic fields: from particle to fluid

TR1 01 Salon D Eremin, Denis Ruhr-Univ Bochum
Particle-in-cell simulations of instabilities in magnetron plasmas

TR2 01 Duquesne Schneider, Ioan F. LOMC CNRS, Le Havre Univ
Electron/molecular cation collisions in low-temperature plasmas: From mechanisms to rate coefficients

TR3 01 Oakmont Junior Ballroom Weltmann, K-D Leibniz Inst., INP Greifswald
Therapy and decontamination by plasma sources

TR2 02 Duquesne Shuman, Nicholas Air Force Research Lab
Kinetics of transient species with cations and electrons

TR3 04 Oakmont Junior Ballroom Robert, Eric GREMI, CNRS/Universite d'Orleans
Plasma jets and electric fields delivery on targets relevant for biomedical applications

WF1 01 Salon D Macheret, Sergey Purdue University
Plasmas for Reconfigurable Radio-Frequency Systems

WF3 05 Oakmont Junior Ballroom Kitano, Katsuhisa Osaka University
Peroxynitric acid (HOONO₂) is the key chemical species of plasma-treated water for effective and safety disinfection