

21st Century Center of Excellence (COE) Program
International COE Forum on Pulsed Power Science

November 13 ; Kurokami Sougou Kenkyutou 204, Kumamoto University

< Invited Talks >

9:00- 9:40 Prof. Tammo Heeren, Eastern Virginia Medical School, USA
"Bioelectrics researches at center of bioelectrics"

9:40-10:20 Prof. Andrei A. Deribas, Lavrentyev Institute of Hydrodynamics, Russia
"Use of explosive for obtaining of nanocrystallic materials"

10:20-10:30 Break

10:30-11:10 Prof. Hansjoachim Bluhm, Forschungszentrum Karlsruhe, Germany
"Pulsed electric fields and underwater corona discharges for sewage water treatment"

11:10-11:50 Prof. Jean-Pierre Petitet, University Paris XIII, France
"Structural transformation of materials by shock laser : recent results on the quartz and the diamond"

11:50-13:30 Lunch

13:30-14:10 Prof. Andreas A. Neuber, Texas Tech University, USA
"High power microwave breakdown limits of dielectric/gas interfaces"

14:10-14:50 Prof. Thomas J. Ahrens, California Institute of Technology, USA
"Impact accretion and impact extinction on our habitable planet"

14:50-15:00 Break

15:00-15:40 Prof. Geun-Hie Rim, Korea Electrotechnology Research Institute, Korea
"Plasma based ion implantation and high voltage pulsed power"

15:40-16:20 Prof. Marek Danielewski, AGH University of Science & Technology, Poland
"Transport in multicomponent, compressible media; force-fields, stationary and other waves"

November 14 ; Hotel ASO Ikoinomura

< Invited Talks >

10:00-10:40 Prof. Reuben Hackam, University of Windsor, Canada
"The art of publishing technical papers in peer reviewed journals -an editor-in-chief perspective"

10:40-11:20 Prof. James E. Thompson, University of Missouri, USA
"Status of pulsed power in the United States"

11:20-12:00 Prof. Bushra Al-Duri, University of Birmingham, UK
"Supercritical fluids for reaction and separation process"

12:00-13:30 Lunch