



**The 18th Israeli Conference on Plasma Science and its Applications  
Ben-Gurion University of the Negev, 02/03/2016**

**Call for Papers**

**The aim of the conference:** Exchange of scientific information and technology and sharing ideas, innovations, experience, and methodology in all aspects of plasma physics and its applications. As in any rapidly developing scientific area, the frontiers of knowledge in plasma physics are becoming increasingly isolated and the expertise of its practitioners is more and more specialized. Therefore, the exchange of ideas between theorists and experimentalists on one hand and between practitioners and industrialists on the other hand is of the utmost importance. Hence, researchers, industrialists, and students are invited to participate in the conference and to present their work and recent research projects. The organizing committee will do its best to turn the conference into a fruitful and enjoyable event for all its participants.

**The program:** The scientific program will include four consecutive oral sessions and a poster session. The following subjects will be discussed in the various sessions: basic plasma physics and astrophysics, radiation sources, plasma applications and industrial processes, thermonuclear fusion, interaction of laser and matter and more. The lectures will be delivered in English.

**Awards:** The Enrique Grunbaum prize for young scientist as well as the Samuel Goldsmith student prize will be awarded.

**Invited Speakers:** Prof. Fred Skiff from the University of Iowa, USA, and Prof. Günther Rüdiger from the Leibniz Institute for Astrophysics, Potsdam, Germany.

**Timetable:** 20/02/2016 - Deadline for submitting abstracts (in English)  
25/03/2016 – Notice of session assignment

The abstracts, not exceeding one page, with indication of the preferred session type (oral or poster), and underlining the speaker should be sent to Michael Mond at: [mond@bgu.ac.il](mailto:mond@bgu.ac.il)

**The organizing committee**

Prof. Michael Mond – Ben-Gurion University, chairman  
Dr. Uri Keshet – Ben-Gurion University  
Dr. Joseph Ashkenazy – Nuclear Research Center - Soreq  
Prof. Asher Yahalom – (IPSTA chairman)  
Dr. Edward Liverts – Ben-Gurion University  
Mr. Shay Shavit – Conference coordinator

The conference is sponsored by Ben-Gurion University of the Negev