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OCTOBER
2018

XXII International Symposium on

High Power Laser Systems and Applications

hpls2018.com



CONFERENCE KEY DATES

Early registration	30	June	2018
Abstract deadline	30	June	2108
Acceptance notification	9	August	2018
Full refund for cancellation ...	25	August	2018
Late registration	2	October	2018



CALL FOR PAPERS

deadline June 30th, 2018

The Organizing Committee invites the submission of contributed papers covering original works on laser systems and their applications. Authors are requested to complete a maximum 2-page summary of the research. Rules and template can be downloaded at the webpage for abstract submission : hpls2018.com/index.php/abstracts-submissions
All abstracts and summaries will be peer reviewed. The Program Committee reserves the final decision for acceptance of submitted abstracts. The notification of acceptance will occur before August 9th, 2018.

PARTICIPATIONS

Early bird participation fee (VAT included) is set at 500 Euro (students 200, accompanying person 200, sponsor 300) if the amount is transferred before June 30th. Late and onsite fees can be found at the webpage for registration: hpls2018.com/index.php/how-to-register
The registration fee includes:

- Participation to the conference
- Conference material
- Bus transfer Frascati – Villa Mondragone (within the Symposium schedule)
- Coffee breaks and refreshments
- Lunches
- Gala Dinner
- Proceedings published by SPIE

To encourage more young scientists and students to contribute to HPLS&A with presentations of high-level research results, two young scientists will be awarded of the best oral and poster presentation. The prizes are two books on Laser Systems published by SPIE. Any young scientist or university student, who is the presenting author of a paper submitted for oral and poster presentation at HPLS&A 2018 Frascati, can apply for the Best Presentation Award. The applicants must be under 35 years of age on October 9, 2018. Two Prize Winners will be selected for oral and poster presentation by the HPLS&A 2018 Frascati Program Committee.

PRELIMINARY LIST OF INVITED SPEAKERS

CAPASSO Federico	(USA):	High performance Quantum Cascade lasers: from high power to frequency combs
CLEGG Samuel	(USA):	Planetary Surface Investigations with Remote Laser-Induced Breakdown Spectroscopy and Raman Spectroscopy
FENG Yan	(China):	High-power widely-wavelength-tunable Raman fiber lasers
GIZZI Leonida	(Italy):	Lasers needs for future plasma based accelerators
HEAVEN Michael	(USA):	Development and scaling of diode-pumped rare gas lasers
LUCIANETTI Antonio	(Czech Republic):	HiLASE Laser Centre: status and prospects
MIQUEL Jean Luc	(France):	Laser mega-joule program, and PETAL facility
PENNINCKX Daniel	(France):	Evolution of high-power >kJ-class lasers
PERRAM Glenn	(USA):	Multi-level kinetics and beam quality for Diode Pumped Alkali Lasers
VON BERGMANN Hubertus	South Africa):	High Pressure CO ₂ amplifiers for picosecond pulse amplification
WANI Fumio	(Japan):	High Power Laser activities at Kawasaki Heavy Industries, Ltd.

ABOUT FRASCATI

Frascati is one of the most important "city of Science" in Italy, as within few miles there are the Research Centre of ENEA, the National Laboratories of INFN, the Earth observation missions and Spaceguard of ESA/ESRIN, the INAF observatory and the University of Tor Vergata. It is located 20 kilometers (12 mi) south-east of Rome, on the Alban Hills close to the ancient city of Tusculum. Frascati is famous for its notable villas, which were built from the 16th century onwards by Popes, cardinals and Roman nobles as "status symbols" of Roman aristocracy. These country houses were designed for social activities rather than farming. One of the most famous and well preserved villas is Villa Mondragone, XVII century, the venue of HPLS&A 2018. Frascati is few miles away the Summer house of the Pope, on the wonderful volcanic lake Albano.