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LASIG-TWIN: A project funded from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 691688.



**- 2018 LASER IGNITION SUMMER SCHOOL -
02-06 July 2018, Sibiu, Romania**

Organizer: National Institute for Laser, Plasma and Radiation Physics, Laboratory of Solid-State Quantum Electronics
Magurele 077125, Ilfov, Romania

Project: 691688 LASIG-TWIN: **LASER IGNITION - A TWINNING COLLABORATION FOR FRONTIER RESEARCH IN ECO-FRIENDLY FUEL-SAVING COMBUSTION**

- AGENDA -

MONDAY 02 JULY	TIME	TUESDAY 03 JULY	WEDNESDAY 04 JULY	THURSDAY 05 JULY	FRIDAY 06 JULY	
	8:30 - 9:00	OPENING SESSION		Prof. Dr. Takeshi SAITO MEISEI UNIVERSITY, JAPAN	9:00-10:30 CLOSING SESSION	
	9:00 - 9:30	Prof. Dr. Geoffrey DEARDEN THE UNIVERSITY OF LIVERPOOL, UK	Dr. Jonathan GRIFFITHS UNIVERSITY OF LINCOLN, UK	Dr. Erik BECKERT FRAUNHOFER IOF, GERMANY		
	9:30 - 10:00					
	10:00 - 10:30	Prof. Dr. Laurent ZIMMER CNRS, CENTRALE SUPELEC, UNIVERSITE PARIS-SACLAY, FRANCE	Mark BÄRWINKEL UNIVERSITY OF BAYREUTH, GERMANY	COFFEE BREAK		
	10:30 - 11:00					
	11:00 - 11:30	COFFEE BREAK	POSTER SESSION & COFFEE	Nicolaie PAVEL INFLPR, ROMANIA		
	11:30 - 12:00	Prof. Dr. Ernst WINTNER VIENNA UNIVERSITY OF TECHNOLOGY, AUSTRIA		LUNCH		OPEN DISCUSSIONS
	12:00 - 12:30					12:00-13:30: LUNCH
	12:30 - 13:00	12:30-14:00: LUNCH	POSTER SESSION & COFFEE	13:30-20:00 SOCIAL PROGRAM		
SPEAKERS AND STUDENTS ARRIVALS	13:00 - 13:30	Dr. Felix SIMA INFLPR, ROMANIA				15:30-19:00 VISIT OF SIBIU
	13:30 - 14:00					
	14:00 - 14:30	Prof. Dr. Radu CHIRIAC UNIVERSITY POLITEHNICA OF BUCHAREST, ROMANIA	20:00-21:30: DINNER			
	14:30 - 15:00					
	15:00 - 15:30	COFFEE BREAK & OPEN DISCUSSIONS				
15:30 - 16:00						
16:00 - 16:30						
REGISTRATION: STARTING WITH 15:00 O'CLOCK	16:30 - 17:00					
	17:00 - 18:00					
	18:00 - 19:00					
19:00-21:00 DINNER	19:00 - 20:00	19:00-21:00 DINNER	19:00-21:30 OFFICIAL DINNER			
	20:00 - 21:00					
	21:00 - 21:30					

Location: Hotel IBIS SIBIU CENTRE, Calea Dumbravii 2-4, Sibiu, Romania: <http://www.ibishotels.ro/hotel-ibis-sibiu>



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LIST OF PRESENTATIONS

03 JULY, TUESDAY:	9:00 - 10:00	DEARDEN Geoff - The University of Liverpool, Liverpool, UK Engineering Pulsed Laser Light for Engine Ignition and Materials Processing
	10:00 - 11:00	ZIMMER Laurent - CNRS - EM2C, CentraleSupélec, Université Paris-Saclay, France Diagnostics Development and Applications for Spray Ignition
	11:30 - 12:30	WINTNER Ernst - Photonics Institute, Vienna Institute of Technology, Vienna, Austria Laser Ignition for more than Four Decades
	14:00 - 15:00	SIMA Felix - INFLPR, CETAL Department, Magurele, Romania Interaction of Ultrashort Laser Pulses with Transparent Materials: Processing and Manufacturing of 3D Lab-on-a-Chip Biosystems
	15:00 - 16:00	CHIRIAC Radu - University POLITEHNICA of Bucharest, Bucharest, Romania Possible Trends for Future Development of Automotive Internal Combustion Engines
04 JULY, WEDNESDAY:	9:00 - 10:00	GRIFFITHS Jonathan - University of Lincoln, Lincoln, UK Development of a Gas Turbine Laser Ignition System: Progress and Outlook
	10:00 - 11:00	BÄRWINKEL Mark - University of Bayreuth, Bayreuth, Germany Influence of Focal Point Properties on Laser Ignition of Methane/Air-Mixtures
05 JULY, THURSDAY:	08:30 - 09:30	SAITO Takeshi - Meisei University, Tokyo, Japan Performance of Gasoline Engine Applying Laser Ignition
	09:30 - 10:30	BECKERT Erik - Fraunhofer Institute, IOF, Jena, Germany Alignment and Bonding of Optical Components for Systems to Survive in Harsh Environments
	11:00 - 11:30	PAVEL Nicolaie - INFLPR - ECS, Magurele, Romania Window Issues in Laser Ignited Internal Combustion Engines

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