

## Newsletter, April 2022

### **IOP Events:**

#### Photon 2022, Nottingham, 30<sup>th</sup> August-2<sup>nd</sup> September 2022

Photon 2022 is the eleventh conference in a biennial series that started in 2002 covering optics and photonics. The conference has a broad scope, which includes practical application of optical measurements. Contributions on the development and application of laser diagnostics and imaging techniques for combustion analysis are encouraged. The relevant session is, "Advances in optical metrology and measurements". The deadline for abstracts is Monday 2<sup>nd</sup> May.

<https://www.photon.org.uk/>

### **Other events:**

#### 9<sup>th</sup> International Workshop on Laser-Induced Incandescence, University of Strathclyde, 12-15 June 2022

Following a long series of previous workshops, this meeting is intended to bring together scientists from various research fields to discuss recent developments and future trends in Laser-induced incandescence (LII) and related fields. LII has become a mature diagnostic to characterize soot particles in combustion and exhaust gases. However, some sub-processes are still lacking detailed understanding, new application fields appear, applicability limits can be extended and new research questions arise. The workshop shall stimulate discussion between experts on the field, and encourage interactions between newcomers and those with long expertise both experimentally and theoretically.

Abstracts for poster presentation can be accepted until 15<sup>th</sup> May.

<https://liiscience.org/meeting/meeting-2022-s0a>

#### 1<sup>st</sup> Symposium on Ammonia Energy, Cardiff, 1-2 September 2022

The event, which is designed to attract state-of-the-art research on the production, storage, distribution and use of ammonia, will be the first of its kind to promote such a molecule for energy purposes. Ammonia is emerging as a future energy vector for the global economy. Therefore, the event will gather contributions from scientists at all levels of their careers, from students to consolidated researchers, ensuring large dissemination of all types of research and development.

<https://www.ammoniasymposium2022.com/>

#### Emissions Meeting, Nottingham University, Thursday 26<sup>th</sup> May 2022

British Flame gives notice and calls for interest for its introductory working group meeting on emissions from combustion of non-carbonaceous fuels (H<sub>2</sub>/NH<sub>3</sub>).

<http://www.britishflame.org.uk/news/127-emissions-meeting-nottingham-university-thursday-26th-may>

### **Call for nominations for prizes (deadline 15<sup>th</sup> May 2022):**

#### Lefebvre prize for best UK PhD thesis in the field of combustion physics (2018-19)

The award is for any PhD thesis published or examined by a UK or Irish university between 1 January 2018 and 31 December 2019.

This award will be judged on the significance of the contribution and the difficulties overcome.

The PhD can be in any field of combustion physics.

PhD thesis supervisors may nominate a candidate by email (to [iain.burns@strath.ac.uk](mailto:iain.burns@strath.ac.uk)) with a:

- thesis abstract of no more than 200 words
- supporting letter of no more than 200 words

Copies of the shortlisted theses will be requested from nominating supervisors in due course.  
Further details can be found here: <https://www.iop.org/physics-community/special-interest-groups/combustion-physics-group/lefevre-prize>

Ricardo award for best UK paper: Combustion Physics Group (2019-20)

Peer-reviewed papers by researchers from UK or Irish institutions or organisations are eligible. They must have been published in an archive journal (including Proc. Combust. Inst.) during 2019 or 2020.

This award is for any field of combustion physics and is for a:

- significant technological advance
- contribution to the advancement of understanding at a fundamental level

To make a nomination email: [ian.burns@strath.ac.uk](mailto:ian.burns@strath.ac.uk)

Further details can be found here: <https://www.iop.org/physics-community/special-interest-groups/combustion-physics-group/ricardo-award>