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## CAOL\*2019 INTERNATIONAL CONFERENCE ON ADVANCED OPTOELECTRONICS AND LASERS

September 06-08, 2019 | SOZOPOL, BULGARIA

### 8TH INTERNATIONAL CONFERENCE ON ADVANCED OPTOELECTRONICS AND LASERS CAOL\*2019

The 8th International Conference on Advanced Optoelectronics and Lasers (CAOL\*2019) will be held in Sozopol, Bulgaria, September 06 - 08, 2019. CAOL\*2019 will provide a forum for scientists in a wide area of laser physics and optoelectronics. The conference will cover wide frontiers in laser physics, photonics, nanotechnology, material physics, nonlinear optics and optical communications. Its characteristic feature is a stronger emphasis on the mathematical, physical and technological aspects of the problems in hand, together with detailed analysis of application problems. The technical program will consist of invited lectures and regular contributed papers.

This year in the frame of CAOL we will organize two accompanying events, Scientific Workshop on Data Science in Modern Optoelectronics and Laser Engineering (DSMOLE\*2019) and Scientific Workshop "Measurement Uncertainty: scientific, normative, applied and methodical aspects" (UM\*2019). DSMOLE\*2019 will be dedicated to problems arising from merging of modern optoelectronics and laser engineering with data science, artificial and computational intelligence. UM\*2019 will cover cutting-edge developments in metrology and adjacent fields.

CAOL conference has long history. Previous conferences were successfully held in 2003, 2005, 2008, 2010 and 2013 in Crimea, Ukraine, in 2006 in Guanajuato, México, and in 2016 in Odessa, Ukraine. Information on the previous international meetings on optoelectronics and lasers can be found in IEEE Photonics Society Newsletter (formerly IEEE/LEOS Newsletters): 4-1999, 4-2000, 4-2001, 3-2004 2-2006, 2-2009, 4-2010, 4-2011 etc.

Conference will be held in collaboration with IEEE/IPS, OSA and SPIE, and Regional Chapters of those societies.

The Conference Proceedings will be published in English and will be available at the registration desk. All accepted contributions will be submitted to IEEE Xplore Digital Library, as well as other Abstracting and Indexing (A&I) databases (Scopus, Web of Science, Google Scholar). Please pay attention that "No-show" papers won't be included in the IEEE Xplore Digital Library.

For Participants from Ukraine and FSU countries special grants to partial reduction of the registration fee will be available.

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