

Winter College on Optics: Optical Frequency Combs - from multispecies gas sensing to high precision interrogation of atomic and molecular targets | (smr 2811)

Contribution ID : 17

Type : **not specified**

LAMP talks session

Thursday, 18 February 2016 16:00 (1:30)

Content

- Souleymane DIALLO (Femto-ST Institute, France) Kerr comb generation and modeling through whispering gallery resonator (10')
- Ioana Ruxandra IVASCU (University "Politehnica" of Bucharest, Romania) Pollutant trace gas detection performed by laser based photoacoustic spectroscopy (10')
- Grzegorz KOWZAN (Nicolaus Copernicus University in Torun, Poland) Broadband CO₂ measurements with VIPA spectrometer in the near-infrared (10')
- Enoch Kirwa ROTICH (Kabianga University, Kenya; Nelson Mandela Metropolitan University, South Africa) MeerKAT Telescope Optical fibre Network; Timing and Frequency Reference perspective (10')
- Pezhman SASANPOUR (Shahid Beheshti University of Medical Sciences; IPM, Iran) Nonlinear Upconversion Based on Enhancement of Third Harmonic Generation in Gold Nanomaterials; A Nonlinear FDTD Analysis (10')
- Yuchen WANG (Politecnico di Milano, Italy) Femtosecond Ti: Sapphire ring laser with a stabilized pulse repetition rate of 250 MHz (10')
- T. Jeremie ZOUEU (National Polytechnic Institute of Yamoussoukro, Ivory Coast) Low cost and effective optical tools to address biomedical, agricultural and environmental issues through an African Spectral Imaging Network (AFSIN) (10')

Summary

Session Classification : not yet classified