

Sensors & their Applications XVII

Poster programme

Please note the poster programme is subject to change.

The poster session will take place on Monday 16 September, from 15.50 – 18.00. You can mount your posters from 09.00 on Monday 16. The dimensions of the boards are 1 metre wide and 2 metres high. The posters will be on display throughout the duration of the conference.

P.1 - Real-time sensing of NaCl solution concentration at microwave frequencies using novel Ag patterns printed on flexible substrates

O Korostynska, Liverpool John Moores University, UK

P.2 - A Study on signal group processing of AUTOSAR COM module

T-M Han, ETRI, South Korea

P.3 - Hydrogen sensing using reduced graphene oxide sheets supported by Pd nanoparticles

R Yatskiv, Institute of Photonics and Electronics, Academy of Sciences CR, v.v.i. Czech Republic

P.4 - Rigorous modelling of light's intensity angular-profile in Abbe refractometers with absorbing homogeneous fluids

A Garcia-Valenzuela, UNAM, Mexico

P.5 - Spectral response analysis of PVDF capacitive sensors

A Garcia-Valenzuela, UNAM, Mexico

P.6 - Investigation of the significance of the 'body effect' on sensitivity to metallic objects in a walk-through metal detector

L Marsh, University of Manchester, UK

P.7 - Optical detection of microcystin produced by cyanobacteria

R Al-Ammar, Sheffield Hallam University, UK

P.8 - A novel optical sensor platform designed for wireless sensor networks

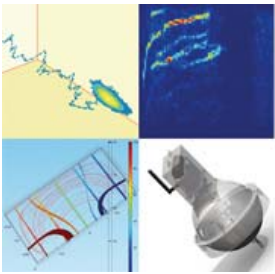
S Yang, City University London, UK

P.9 - A Quasi-Monte Carlo solution for the mutual inductance of misaligned circular coils

L Babić, Končar KET, Croatia

P.10 - The use of nanotechnology in the development of a distributed fibre-optic temperature sensor for subsea applications

G McDowell, Glasgow Caledonian University, UK



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P.11 - Low frequency noise of anisotropic magnetoresistors in DC and AC-EXCITED metal detectors

M Janosek, Czech Technical University in Prague, Czech Republic

P.12 - Pervasive sensing: addressing the heterogeneity problem

M O'Grady, University College Dublin, Ireland

P.13 - Calibrations of phase and ratio errors of current and voltage channels of energy meter

P Mlejnek, UCEEB CTU, Czech Republic

P.14 - Optical sensor for heat conduction measurement in biological tissue

C Sánchez-Pérez, CCADET UNAM, Mexico

P.15 - Channel equalization for indoor lighting communications networks

S Hadjiloucas, University of Reading, UK

P.16 - Smart-phone based electrocardiogram wavelet decomposition and neural network classification

S Hadjiloucas, University of Reading, UK

P.17 - Emotional recognition from the speech signal for a virtual education agent

A Tickle, Coventry University, UK

P.18 - Use of an infrared thermometer with laser targeting in morphological scene change detection for fire detection

A Tickle, Coventry University, UK

P.19 - Wearable sensor network for health monitoring: the case of Parkinson disease

M T Arredondo, Universidad Politécnica de Madrid, Spain

P.20 -Non-invasive measurement of cholesterol in human blood by impedance technique: an investigation by 3D finite element field modelling

E Aristovich, City University London, UK

P.21 - Pilot study: Assessing repeatability of the EcoWalk platform resistive pressure sensors to measure plantar pressure during barefoot standing

M Zequera, Pontificia Universidad Javeriana, Columbia