

Session: Reverberation I

Chair: Mike Hatfield and Mark Katrancha

Date: Wed 9:00-12:00, Room E5

Transient reverberation response analysis: A new mode of reverberation chamber operation

Robert E. Richardson, Mike O. Hatfield, Michael B. Slocum, Mark F. Katrancha, Blaise L. Corbett: Naval Surface Warfare Center, Dahlgren, USA

Modal representation of a reverberation chamber for a parametric analysis of the field uniformity

Gérard Orjubin, Elodie Richalot, Stéphanie Mengué, Odile Picon: Université de Marne la Vallée, France

Statistical characterization of reverberant chamber transient response using common CW-analysis tools and methods

Blaise L. Corbett, Robert E. Richardson: Naval Warfare Center, Dahlgren, USA; Theodore H. Lehman: Albuquerque, USA

On the electromagnetic field in loaded reverberating chambers

Paolo Corona, Giuseppe Ferrrara, Maurizio Migliaccio: Università degli Studi di Napoli Parthenope, Italy

Design of low cost antennas for reverberation chambers

Michael Hillgärtner, Robert Stonies, Dirk Peier, Edgar Voges: University of Dortmund, Germany

Session: Reverberation II

Chair: Mike Hatfield and Mark Katrancha

Date: Wed 14:00-17:00, Room E5

How to ... in a reverb chamber

Garth D'Abreu: ETS Lindgren, USA

Challenges in using a reverberation chamber for probe calibration

John M. Ladbury, Galen H. Koepke, Randy Direen: NIST, Boulder, USA; Dennis Lewis: Boeing, Seattle, USA

Metrology applications of reverberation chambers for electromagnetic field probe calibrations and antenna efficiency measurements

Dennis Lewis, Boeing Puget Sound Metrology, Seattle, USA; John Ladbury, National Institute of Standards and Technology, Boulder, USA

PICAROS program: reproducibility validation of radiated immunity and emission measurements in mode stirred reverberation chamber (MSRC)

Sébastien Girard, Françoise Paladian, Raphaël Vernet, Pierre Bonnet: Blaise Pascal University (Clermont-Ferrand II), France; Fabien Mangeant, Albin Maridet: EADS CCR, Suresnes, France; Vincent Bérat, Régis Seguin: RENAULT Technocentre, France; Rémy Perrot: UTAC/ DT / Service CEM, Montlhéry, France

Electromagnetic radiation measurements in two specific models of three-dimensional TEM cells

Virginie Deniau, Jean Rioult, Jean-Pierre Ghys: INRETS, France; Marco Klingler: PSA, France; Bernard Démoulin: University of Lille, France; Serge Ficheux: UTAC, France