Conferences cancelled or postponed due to coronavirus pandemic

Due to the actual coronavirus pandemic, all conferences in the near future, on which the Department of Functional Materials was invited or accepted to present research progress are either cancelled or postponed. This concerns all research areas of our department. The following presentations should have been given:

International Meeting on Chemical Sensors, May 10-14, Montreal, Canada

- D. Schönauer-Kamin, R. Moos:
  In-Situ DRIFT Spectroscopy on a Resistive NO_x Dosimeter – How Can the Non-Linear Electrical Behavior be Explained?
- R. Moos, M. Bektas, G. Hagen, J. Kita, D. Schönauer-Kamin, D. Hanft, J. Exner:
  The Powder Aerosol Deposition Method - Making Ceramic Gas Sensor Films at Room Temperature
- N. Donker, A. Ruchets, D. Schönauer-Kamin, J. Zosel, U. Guth, R. Moos:
  NO_x Detection By Pulse Polarization: Influence of Gold Electrodes
- R. Wagner, D. Schönauer-Kamin, R. Moos:
  Influence of Humidity on a Resistive Room Temperature NO_2 Dosimeter Based on Al-Doped ZnO
- J. Wohlrab, T. Kern, G. Hagen, R. Moos:
  Influence of Gas Flow on the Temperature Homogeneity of Sensor Transducers
- A. Ruchets, N. Donker, D. Schönauer-Kamin, R. Moos, J. Zosel, U. Guth, M. Mertig:
  NO Detection By Cyclic Voltammetry with Platinum Electrodes on YSZ
- T. Ritter, G. Hagen, R. Moos:
  Dynamic Catalyst Conversion Measurement Using One Single Sensor Device

Sensoren im Automobil, 23.-24. April, München, Deutschland

8. FACHTAGUNG
SENSOREN IM AUTOMOBIL
23. - 24. APRIL 2020 IN MÜNCHEN

- S. Walter, P. Schwanzer, G. Hagen, G. Haft, M. Dietrich, H.-P. Rabl, R. Moos:
  Hochfrequenzsensorik zur direkten Beladungserkennung von Benzinpartikelfiltern

SAE World Congress, April 21-23, Detroit, USA

- S. Walter, P. Schwanzer, G. Hagen, G. Haft, H.-Peter Rabl, M. Dietrich, R. Moos:
  Modelling the Influence of Different Soot Types on the Radio-Frequency-Based Load Detection of Gasoline Particulate Filters
- C. Steiner, D. Kubinski, V. Malashchuk, G. Hagen, R. Moos:
  Microwave-Based State Diagnosis for Three-Way Catalysts - Advantages of Using Different Resonant Parameters
- C. Steiner, A. Wollbrink, G. Hagen, H. Fritze, R. Moos:
  In Situ Measurement of the Dielectric Properties of Ceria for Three-Way Catalyst State Diagnostics

yCAM-Forum (young Ceramists Additive Manufacturing), April, 15-17, Toulouse, France

- J. Exner, M. Linz, T. Nazarenus, D. Hanft, N. Leupold, P. Glosse, J. Kita, R. Moos:
  Powder aerosol deposition – dense ceramic thick films without any heat treatment
- M. Linz, R. Moos, J. Kita, J. Exner:
  The influence of the nozzle geometry on the quality of ceramic coatings produced by the powder aerosol deposition method

2020 MRS Spring Meeting and Exhibit, April 13-17, Phoenix, USA

2020 MRS SPRING MEETING & EXHIBIT
April 13–17, 2020 | Phoenix, Arizona

- N. Leupold, D. Lukas, K. Schötz, F. Panzer, R. Moos:
  Lead Halide Perovskite Films Fabricated via Solvent-Free Powder Aerosol Deposition Method

Jahrestreffen der ProcessNet-Fachgruppe Aerosoltechnik, 2.-3. April, Duisburg

- J. Exner, M. Linz, T. Nazarenus, D. Hanft, N. Leupold, P. Glosse, J. Kita, R. Moos:
  Potential der aerosolbasierten Kaltabscheidung zur Herstellung dichter Keramikschichten ohne jegliche Temperaturbehandlung
- M. Linz, J. Exner, T. Nazarenus, D. Hanft, N. Leupold, P. Glosse, J. Kita, R. Moos:
  Aerosolbasierte Kaltabscheidung - Einfluss der Düsengeometrie auf die Herstellung keramischer Dickschichten bei Raumtemperatur

KERAMIK 2020 - 95. Jahrestagung der DKG, 15.-18. März, Jülich, Deutschland

KERAMIK
CERAMICS 2020

- J. Exner, T. Nazarenus, D. Hanft, N. Leupold, J. Kita, R. Moos:
  Powder aerosol deposition of electrically conducting films
- T. Nazarenus, J. Exner, K. Schlesier, J. Kita, R. Moos:
  Influence of optical radiation on powder aerosol deposited nanocrystalline functional ceramics
- S. Bresch, B. Mieller, R. Moos, T. Rabe:
  Influence of pressure assisted sintering and reaction sintering on thermoelectric properties of bi-doped and undoped calcium cobaltite

Lehrstuhl für Funktionsmaterialien | Universität Bayreuth | Telefon: +49 (0)921 55 7401 | E-Mail: funktionsmaterialien@uni-bayreuth.de