Thick-film type NTCR devices made by powder aerosol deposition

Michaela Schubert defended her doctoral thesis

Congratulations!

Michaela Schubert defended her doctoral thesis about “Powder aerosol deposition for the production of film-type NTC thermistor devices” (German original title “Aerosolbasierte Kaltabscheidung für die Herstellung von schichtbasierten NTC-Thermistorbauteilen”) on October 10th, 2019.

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Dr. Schubert already published parts of her thesis in peer-reviewed journals. Examples out of many are:

M. Schubert, C. Münch, S. Schuurman, V. Poulain, J. Kita, R. Moos, Novel Method for NTC Thermistor Production by Aerosol Co-Deposition and Combined Sintering, *Sensors*, **19**, 1632 (2019), doi: 10.3390/s19071632

M. Schubert, J. Kita, C. Münch, R. Moos, Investigation of the in situ calcination of aerosol co-deposited NiO-Mn_2O_3 films, *Functional Materials Letters*, **12**, 1950039 (2019), doi: 10.1142/S1793604719500395

M. Schubert, C. Münch, S. Schuurman, V. Poulain, J. Kita, R. Moos, Characterization of Nickel Manganite NTC thermistor films prepared by Aerosol Deposition at room temperature, *Journal of the European Ceramic Society*, **38**, 613-619 (2018), doi: 10.1016/j.jeurceramsoc.2017.09.005

From left to right: Prof. Bakran, Prof. Moos, Dr. Schubert, Prof. Heinrich (TU Clausthal), and Prof. Krenkel