



www.rgf.bg.ac.yu/restca

FP7 - Capacities - Research Potential
Project No 204374



Reinforcing S&T Capacities of two Emerging Research Centers for
natural and industrial pollutant material in Serbia and Slovenia

During the period from 27th August to 3rd September 2010. Aleksandar Kremenović visited Darmstadt in Germany in order to enhance activities connected with work packages: WP2 - Reinforcement of international co-operation. Networking and WP4 - Dissemination and outreach activities.

During that period he attended 26th European Crystallographic Meeting (ECM-26) and 12th European Powder Diffraction Conference (EPDIC-12). At these conferences he presented in oral/poster part of his scientific activities dedicated to design of nanomaterials that are used a) for remediation of soils contaminated with herbicides and b) as enhanced electro-magnetic materials (WP2 and WP4). He presented RESTCA-TERCE-NIPMSS project activities to the audience.

Two presentations he has presented:

1) EPDIC-12 - MicroSymposium (MS) 4: Combination of powder diffraction and spectroscopy

Heterogeneity in $Ti_{1-x}Fe_xO_{2-d}$ nanorod rutile based flower like aggregates

Aleksandar Kremenović, Bratislav Antić, Jovan Blanuša, Mirjana Čomor, Philippe Colomban, Leo Mazerolles, Emil Božin

oral contribution

and

2) ECM-26 - FA2-MS14 New inorganic materials for technological applications

Nanostructured Random Type $MgFe_2O_4$ Spinel Prepared by Soft Mechanochemical Route

Aleksandar Kremenovic, Bratislav Antic, Natasa Jovic, Milica Vucinic-Vasic.

poster presentation

At the conference EPDIC-12 in section MS 10: Line profile analysis of nanoscale and defect materials he was co-chair of MS.

Regarding the WP3 – Brain gain activities at the education and research level he has one meeting with Dr Emil Božin from Applied Physics & Applied Mathematics, Columbia University, New York, NY 10027, USA. The RESTCA-TERCE-NIPMSS project activities were presented to Emil Božin. He was informed about further RESTCA-TERCE-NIPMSS project activities. Close cooperation in future is planned between project team members and Emil Božin who is active member of Serbian Crystallographic Society.