

ic-cmtp2 CONFERENCE DETAILED PROGRAM

October 8, 2012 – Monday

HUNYADI JANOS HALL

OPENING CEREMONY

Chair: Prof. Dr. Sergey N. KULKOV

13:30 – 13:35	ic-cmtp2 Opening Prof. Dr. Sergey N. KULKOV (Russia)
13:35 – 13:40	Welcome ic-cmtp2 Attendance Mr. Csaba KISLÁSZLÓ (Hungary) Mayor of Igrici,
13:40 – 13:50	Welcome Address Prof. Dr. László A. Gömze (Hungary)
13:50 – 14:30	Research in Competitive Materials and Technologies in the Research Centre for Natural Sciences, Prof. Dr. János SZÉPVÖLGYI (Hungary) Hungarian Academy of Sciences, Director General,
14:30 – 14:40	BREAK

PLENARY LECTURES

Chair: Prof. Dr. László A. GÖMZE

14:40 – 15:20	Phase Diagram as a Tool of Materials Science Prof. Dr. Vasily LUTSYK (Russia)
15:20 – 16:00	Fabrication of alkali-free resorbable and fast healing bioglass scaffolds for regenerative medicine and tissue engineering Prof. Dr. José M.F. Ferreira (Portugal)
16:00 – 16:20	COFFEE BREAK
16:20 – 16:50	The 4th International Congress on Ceramics: An Examination of Emerging Opportunities in Ceramics Prof. Dr. Katherine T. Faber (USA)
16:50 – 17:30	The ICG Montpellier Summer School Prof. Dr. John M. Parker. (UK)
17:30 – 17:40	BREAK

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(Hall: HUNYADI Janos)

SHORT ORAL I. presentations (posters) by SESSION 8, 9 and 11

Chairs:

Prof. Dr. Vasily LUTSYK, Prof. Dr. Saverio FIORE, Prof. Dr. Sergey N. Kulkov

SESSION 8

Minerals for Environmental and Medical Applications

17:40 - 17:45	Analcime-bearing rocks as perspective sorbents Dmitry Shushkov, Olga Kotova, Ida Shuktomova
17:45 - 17:50	Nanocomposition sorbents obtained by mechanochemical synthesis for purification of service water Zulhair Mansurov, Nina Mofa, Tatyana Shabanova, Sestager Aknazarov, Bakhtiar Sadykov
17:50 - 17:55	Clay Mineralas Deposit Of Halakabad(Sabzevar-Iran) Seyed Mohammad Hashemi

SESSION 9

Novel Synthesis and Processing Technology

17:55 - 18:00	Synthesis and Properties of CrAlSiN Coatings Using a Hybrid HIPIMS/CMS Technology Kwang Ho Kim
18:00 - 18:05	Synthesis of new derivatives of Rhodanine dyes for Dye-Sensitized Solar Cells (DSSCs) BOUFARES Tahar, RAHMOUNI Mostapha, Mir-KASMI Souad, DJILLALI Karim
18:05 - 18:10	Penetration of carbon into lead zirconate-titanete during sintering by SPS and their dielectric properties Kazuyuki Kakegawa, Yuich Takahashi, Takashi Kojima, and Naofumi Uekawa
18:10 - 18:15	Preparation of 3D micro components of BST by using a colloidal shaping technique Olhero S.M., Ajay Kaushal, Alves F.J., J.M.F. Ferreira
18:15 - 18:20	Products of hydratation in fine grained mixtures MgO - SiO₂. Jacek Szczerba, Ryszard Prorok, Dominika Madej, Edyta Śnieżek

SESSION 11

Phase Diagram as a Tool of Material Science

18:20 - 18:25	Scope of alloying compound CuSc₃S₅ by Lutetium Illariya Razumkova
18:25 - 18:30	The Method For Investigating The Structurization Of Water-Organic Mixtures Svetlana Karitskaya
18:30 - 18:35	The binary systems FeS - Ln₂S₃ (Ln = Tm, Yb, Lu) Lyudmila Monina, Oleg Andreev
18:35 - 18:40	MnS - Tm₂S₃ Phase Diagram Lyudmila Monina, Oleg Andreev
18:40 - 18:45	Approximate Calculation of the MgO Rich Corner of the MgO-Al₂O₃-CaO-SiO₂ Phase Diagram by ESTPHAD Method Tamás Mende