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## NEW MEMBERS OF THE EDITORIAL BOARD

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### Prof. Dr. Sergei A. Decterov

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#### Education

M. Sc. Chemistry, Moscow M.V. Lomonosov State University - 1977  
Ph. D. Physical Chemistry, Moscow M.V. Lomonosov State University - 1981

#### Experience

1996- Research Professor, CRCT, École Polytechnique de Montréal.  
1993-1996 Invited Research Professor, CRCT, École Polytechnique de Montréal.  
1993-1996 Principal Research Fellow, Dept. of Chemistry, Moscow State University.  
1988-1993 Senior Research Fellow, Dept. of Chemistry, Moscow State University.  
1981-1988 Research Fellow, Institute of Novel Chemical Fields, Russian Academy of Sciences.

#### Professional Activities

- IUPAC Fellow.
- Member of the Administrative Council of SGTE (international consortium of centers engaged in the development of thermodynamic databanks for inorganic and metallurgical systems and their application to practical problems).
- Honorary Professor in the School of Chemical Engineering, the Univ. of Queensland, Australia.

#### Research Interests

- Co-developer of FactSage which is among the largest thermochemical software and database package in the world.
- Development of thermodynamic databases for oxide and sulfide systems.
- Computer calculation and analysis of multicomponent phase equilibria.
- Development of theories of liquid and solid solutions relating thermodynamic properties to microscopic structural features.
- Modeling the viscosity of molten oxides (slags).
- Development of methods of simultaneous optimization of thermodynamic data and phase diagrams.