Invited presentations


64. P.G. Vekilov, *Fundamental aspects of nucleation theory in the formation of protein condensed phases*, Department of Chemical and Nuclear Engineering, University of New Mexico, May 3, 2002.


68. P.G. Vekilov, *Fundamental aspects of nucleation theory in the formation of protein condensed phases*, Materials Science Laboratory, National Institute of Standards and Technology, Gaithersburg, Maryland, September 17, 2002.


75. P.G. Vekilov, D.N. Petsev, S. Brandon, P. Katsonis, *Hydration interactions between apoferritin molecules and the phase*

76. P.G. Vekilov and O. Galkin, Dissemination of the nucleation of sickle-cell hemoglobin polymers. Albert Einstein College of Medicine, Department of Medicine, Division of Hematology, The Bronx, New York, May 13, 2003.


80. P.G. Vekilov, O. Galkin, S.-T. Yau, and D.N. Petsev, Fundamental aspects of nucleation theory in the formation of protein condensed phases, Department of Physics, Université Libre de Bruxelles, Brussels, Belgium, May 22, 2003.


89. P.G. Vekilov and O. Galkin, Dense liquid precursor for the nucleation of polymers of sickle cell hemoglobin, Department of Chemical and Biomolecular Engineering, Georgia Institute of Technology, Atlanta, Georgia, November 12, 2003.


97. P.G. Vekilov, The physical chemistry of sickle cell anemia, Department of Chemical Engineering, University of Texas, Austin, Texas, May 4, 2004.


100. P.G. Vekilov, Why do protein crystal grow slowly? 10th International Conference on Crystallization of Biological Substances.
Macromolecules, June 4-10, 2004, Beijing, China.

101. P.G. Vekilov, Fundamental aspects of nucleation theory in the formation of protein condensed phases FOM Institute for Atomic and Molecular Physics, Amsterdam, Netherlands, June 18, 2004

102. P.G. Vekilov, Phase transitions in protein solutions, Protein-Protein Interactions In Vitro and In Vivo Workshop, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK, June 21-23, 2004

103. P.G. Vekilov, The physical chemistry of sickle cell anemia, Institute of Physical Chemistry ,Bulgarian Academy of Sciences, Sofia, Bulgaria, June 29, 2004


107. P.G. Vekilov, Water structuring and the dynamics of phase transitions with proteins, Department of Biochemistry and Biology, University of Houston, Houston, Texas, September 10, 2004

108. P.G. Vekilov, Water structuring and the dynamics of protein crystallization processes, Department of Molecular Physiology and Biological Physics, University of Virginia School of Medicine, Charlottesville, Virginia, October 1, 2004


111. P.G. Vekilov, The role of water structuring in the thermodynamics and kinetics of phase transitions with proteins, 2004 MRS Fall Meeting, Boston, November 29 – December 3, 2004

112. P.G. Vekilov, Phase Transitions in Protein Solutions, 21 New England Workshop on Complex Fluids, Harvard University, Cambridge, MA, December 3, 2004


Contributed presentations


5. P.G. Vekilov, Yu.G. Kuznetsov and A.A. Chernov, Free surface energy and Burgers vectors of the growth sources on (101) ADP face. 10-th International Conference on Crystal Growth, San Diego, California, USA, August 16-21, 1992.


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Meeting of the American Institute of Chemical Engineers, Indianapolis, Indiana, November 3 – 8 , 2002.


