The international conference POLYSOL-VAT-9 on Polymer-Solvent Complexes and Intercalates took place from September 11th to 14th, 2012 at the Taras Shevchenko National University of Kiev, jointly organized by the Faculty of Chemistry and the Faculty of Physics of the university.

Since the first conference held in 1996, this series of conferences was again sponsored by IUPAC as it is one of its kind. As usual, the formation mechanisms, the morphology, the molecular structure, and the properties of compounds involving solvents and/or synthetic polymers, biopolymers, proteins, supramolecular polymers, and systems formed at surfaces/interfaces were discussed. The 21 papers selected for the Macromolecular Symposia volumes provide one with an overview of the topics discussed during this conference.

Jean-Michel Guenet