The Second International Pamporovo Workshop
COOPERATIVE PHENOMENA IN CONDENSED MATTER PHYSICS
28th July – 7th August, 2001
Pamporovo, Bulgaria

This issue contains the scientific reports presented as mini-talks (15 min), seminar talks (45 min), and posters at the 2nd International Pamporovo Workshop (2nd IPW) on *Cooperative Phenomena in Condensed Matter* devoted to *QUANTUM PHASES AND PHASE TRANSITIONS*. The Workshop was held from 28th July to 7th August 2001 in Pamporovo (Bulgaria). All published papers have been selected after a refereeing and discussion during the 2nd IPW, as well after an additional refereeing and edition by the JPS. As far as the total number of pages of the papers exceeds the maximal size of a single journal issue, the proceedings appear in a doubled issue of JPS.

The IPW is organized every third year to provide an informal arena of discussions on current topics in experimental and theoretical physics of condensed matter (with a special emphasis on the theory), for a promotion of new results, for teaching research students and young scientists, and for a consideration of joint projects. The ferst Workshop in this series was held at the same place in 1998. For the Proceedings of research papers, see: Journal of Phys. Studies **2**, 155–281 (1998); for the lecture Proceedings, see: D. V. Shopova and D. I. Uzunov (eds), *Correlations, Coherence, and Order* (Kluwer Academic/Plenum Publ., London, 1999).

The 2nd IPW was organized by: The Austrian Institute for East and South- East Europe (Office at Sofia), The Bulgarian Academy of Sciences, and the Ivan Franko National University of Lviv. A substantial sponsoring has been received by the Mayor of Sofia, Mr. Stephan Sofianski as well as by the Corporations "Festo" (Sofia), 3M (Office at Sofia). The Members of the Organizing Committee wish to thank these respectable institutions for the unvaluable help and support.

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Yurij Holovatch, Dimo I. Uzunov
Guest editors of this issue
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