

## PREFACE

This issue contains contributions from the participants of the XXII International Seminar on Physics and Chemistry of Solids held between 17 and 19 June 2020 online in Lviv, Ukraine (<https://physics.lnu.edu.ua/en/research/conferences/ispcs20>). Due to the travel limitations at the Coronavirus times, we were forced to go online. Nevertheless, the conference was successful, with active discussions in the chat room among the participants.

The scientific program of the Seminar covered various subjects, including alloys, intermetallic compounds and their applications, new inorganic and organic materials, theory of solid-state condensed systems, numerical simulation and modeling, physics and chemistry of low dimensional materials and their properties, technology and engineering of nanostructured and advanced materials as well as interdisciplinary topics.

We expect that the tradition of such meetings will continue and develop into a wider scientific collaboration. We are grateful to all the contributors to this issue and to the reviewers of the manuscripts for their prompt and high-quality work.

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