



# New Challenges for the Journal of Superconductivity and Novel Magnetism

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Our journal was founded by the late Prof. Vladimir Kresin under the name “Journal of superconductivity” in the hot time of the worldwide intensive research on high- $T_c$  cuprates. Later, when the importance of the different magnetic phenomena became clear, it was renamed to the present title “Journal of superconductivity and novel magnetism”. Nowadays, the interests in high-temperature superconductivity are shifted to the room temperature area in the hydrides under mega-bar pressure, and the number of experimental groups working with diamond anvil cells is very small. Does it mean that the majority of researchers involved in superconductivity has nothing to do? We definitely think not. The problem to stabilize those high  $T_c$  hydrates is also an actual problem for the future progress of the high  $T_c$  superconductivity, see the special issue “Road to room temperature

superconductivity” in the April issue of our journal, vol.35, #4, 2022.

Moreover, there are plenty of novel areas in both magnetism and superconductivity, exploring the new topological aspects and low dimensions resulting in the new quantum phenomenon.

We congratulate our authors and readers with a new 2023 Year!

The Editors,  
V.P.S. Awana, Israel Felner, and Sergei Ovchinnikov.

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