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What Do We Still Want to Know 90 Years After the Continuous Random Network (CRN) Theory?

Guest Editors:

Prof. Dr. Michael I. Ojovan

Department of Materials, Imperial College London, South Kensington Campus, Exhibition Road, London SW7 2AZ, UK

Prof. Dr. Yuanzheng Yue

Department of Chemistry and Bioscience, Aalborg University, 9220 Aalborg, Denmark

Dr. Shangcong Cheng

National Center for Electron Microscopy, Molecular Foundry, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA

Deadline for manuscript submissions:

closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

In October 1932, WH Zachariasen published his paper "The Atomic Arrangement in Glass". Since then, CRN theory has become the most common model for the structure of glasses. While the theory is not challenged for its description of the short-range and long-range structure, glass structure in the medium range (0.5–2 nm) is still a controversial topic. As the 90th anniversary of Zachariasen's famous paper approaches, this Special Issue will focus on the medium-range structures in glasses, its characterization, formation, and its relation with physical properties. Full research articles, short communications, and comprehensive reviews are welcome.

The proposed topics include but are not limited to the following:

- -Characterization of structures of various glasses by advanced structural probes;
- -Understanding the glass formation process;
- -Influence of glass structures on its physical properties.

Prof. Dr. Michael I. Ojovan

Prof. Dr. Yuanzheng Yue

Dr. Shangcong Cheng











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Editor-in-Chief

Prof. Dr. Gilbert Fantozzi

INSA-Lyon, MATEIS Laboratory UMR CNRS 5510, 69621 Villeurbanne, France

Message from the Editor-in-Chief

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