

Special Issue

Creep Behavior of Metals and Alloys

Message from the Guest Editors

This Special Issue contains selected papers presented at the 15th International Conference on Creep and Fracture of Engineering Materials and Structures, which is organized as a virtual event from 13 to 17 June 2021. This conference follows the long-standing tradition of the Swansea conferences, which were initiated by Prof. Brian Wilshire and held in Swansea from 1981 to 1993 on a triennial basis. Later, the Creep conferences also took place in London, UK (1995), Irvine, USA (1997), Tsukuba, Japan (1999), again at Swansea, UK (2001), Pittsburgh, USA (2005), Bayreuth, Germany (2008), Kyoto, Japan (2012), Toulouse, France (2015), and Saint Petersburg, Russia (2017). The objective of CREEP 2020 is to provide an opportunity for scientists and engineers to come together and share their experience and knowledge in order to discuss the recent progress concerning creep mechanisms and modeling and to explore advanced experimental testing methods, materials and applications.

Guest Editors

Dr. Christopher H. Zenk

Dr. Connor E. Slone

Dr. Steffen Neumeier

Deadline for manuscript submissions

closed (30 September 2021)



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Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

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