# **Special Issue**

# Non-Destructive Evaluation (NDE) for Aging Industrial Plant and Infrastructure

# Message from the Guest Editor

To make a decision about proper maintenance for aging facilities in plants and aging components of infrastructure, the NDE method is a key technology, since it provides important information regarding their material damage, such as the length and the depth of corrosion and cracks. In addition, it is important to marry proper maintenance with reduced cost, including that of the NDE method. The aim of this Special Issue is to present the advanced and innovative NDE methods. including through theoretical and experimental studies, and contribute to making a decision for the proper maintenance of aging facilities in industrial plants and aging components of infrastructure. We expect contributions to the Special Issue from scholars and researchers all over the world both in the academic and industrial fields

## **Guest Editor**

Dr. Naoya Kasai

Graduate School of Environment and Information Sciences, Yokohama National University, Yokohama, Japan

## Deadline for manuscript submissions

closed (30 November 2020)



# Metals

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 5.3



mdpi.com/si/28599

Metals

MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 metals@mdpi.com

mdpi.com/journal/ metals





# **Metals**

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 5.3





# **About the Journal**

# Message from the Editorial Board

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.

#### Editors-in-Chief

# Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

## Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

#### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Metals and Alloys)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.8 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2024).