

Welcome to 9th edition of the International Symposium Aluminum Surface Science and Technology

It is a great honor to host the unique International Symposium of Aluminum Surface Science and Technology, ASST 2023. We warmly welcome you all to the beautiful city of Stockholm, Sweden, where the Nobel Prize is awarded to the Nobel Laurates annually. The conference venue Vår Gård Saltsjöbaden is a perfect meeting place with cultural-historical buildings surrounded by Swedish nature in a phantastic Stockholm archipelago environment.

This is the 9th edition of the ASST following the previous editions in 2018 (Helsingor, Denmark), 2015 (Madeira, Portugal), 2012 (Sorrento, Italy), 2009 (Leiden, The Netherlands), 2006 (Beaune, France), 2003 (Bonn, Germany), 2000 (Manchester, UK), 1997 (Antwerp, Belgium). The ASST symposium series has become a unique key event on aluminium science and technology bringing together researchers at universities, research institutions and industries involved in aluminium-related issues. Today the symposium has become a common platform and network for aluminium surface science and technology, not only in Europe, but all over the world. It was paused for two years due to the Covid-19 pandemic. Now it is back to the high level reflecting the frontier of the aluminum research and development field.

The ASST 2023 encompasses all aspects of aluminum surface science and technology including state-of-the-art surface modification methods, corrosion and protection mechanisms, characterization and modeling, performance evaluation, and industrial development in the field of aerospace, automotive, architecture, electronics, nanotechnology and energy applications, etc. The program has the focus on green technology solutions and sustainability issues, as well as emerging techniques such as additive manufacturing, electrification, machine learning, and more. There are six plenary lectures and one panel discussion by well-known academic and industrial experts. You will see participation from both academics and industry and a good number of PhD students. The participants stay in a relaxing environment with plenty of opportunities to meet experts and colleagues to discuss recent research and development works.

We hope that you will enjoy the symposium program, which provides the opportunity to meet your old friends and make new ones, and establish new collaborations expanding the field of aluminum surface science and technology. Besides, we hope that you also will enjoy the nature and culture at the location of the conference, and unravel the history that laid the ground for the unique spirit of the Swedish society.

We wish you a great symposium and stay in Stockholm.

Yours sincerely,



Chairman: Jinshan Pan



Co-Chairman: Arjan Mol

Local organization committee
Christofer Leygraf
Mats Göthelid
Pavel Korzhavyi
Xiaoqi Yue
Johan Tidblad