



INVITATION

6th INTERNATIONAL SYMPOSIUM
on Advanced Technologies
in Heat Treatment and Metal Finishing
held by AMP Sp. z o.o. on 13-14 June 2019



POLITECHNIKA
KOSZALIŃSKA



INSTYTUT MECHANIKI PRECYZYJNEJ

LADIES AND GENTLEMEN,

SYMPOSIUM TIMETABLE

It is the sixth time we take pleasure in inviting you to the **International Symposium on Advanced Technologies in Heat Treatment and Metal Finishing** which will be held on **13-14th June 2019** (Thursday-Friday) at Villa Verde Hotel. Being a bi-annual event, it is of high substantive and practical value.

The 6th edition of topic-related lectures is focused on advanced equipment and methods of heat treatment in connection with finishing treatment. New achievements will be presented in the area of Piro-Carb® carburizing, ion and vacuum nitriding with Nitro-Tool® method as well as PVD coating technology with Hybri-Tec® method.

HT companies face a challenge of implementing modern methods of production management and automation covered by the broadly defined keyword "Industry 4.0". We will attempt at presenting and offering an insight into the issues related to this new trend in industry.

Partners of the 6th Symposium will present the latest solutions in the area of temperature gauging and control and process control.

Representatives of science entities from Koszalin University of Technology and the Institute of Precision Mechanics in Warsaw will deliver lectures on advanced methods of heat treatment and finishing of tool and construction steels.

Furthermore, you can enjoy conventional topics related to maintenance of heat treating equipment and principles of calibration of measuring devices and TUS@SAT temperature distribution control according to aviation standards.

Timetable of the Symposium is enclosed.

Due to limited number of places, we are kindly asking you to make a reservation by filling in the enclosed application form and sending it by e-mail to the address: info@amphtt.com or biuro@amphtt.com by 30.04.2019.

Symposium venue:

Hotel Villa Verde **** Congress & Spa
42-400 Zawiercie
ul.Mrzygłódzka 273

Date:

13-14 June 2019

Symposium programme:

DAY I 13.06.2019 (Thursday)

08:00 – 10:00	Participants registration/accommodation
10:15 – 10:30	Opening of the 6th Symposium
10:30 – 11:00	Vacuum heat treatment of large-size machine parts
11:30 – 12:00	Precision control of induction hardening - solutions implemented by ELKON Sp. z o.o.
12:00 – 12:30	Clean-Tec technology - washing and degreasing
12:30 – 12:45	Coffee break
12:45 – 13:15	Industry 4.0 in practice
13:15 – 13:45	Versatile heat treating plants for tool shops
13:45 – 14:15	Application of induction heating in mould shaping, metal welding and heat treatment - solutions implemented by ELKON Sp. z o.o.
14:15 – 14:45	Manufacturing equipment for composite materials
15:00 – 15:45	Lunch break
16:00 – 18:00	Discussion panel
18:00 – 19:00	Break
20:00	Celebratory dinner on the 15th anniversary of AMP Sp. z o.o.

DAY II 14.06.2019 (Friday)

07:00 – 08:30	Breakfast
09:00 – 09:30	Practical issues in heat treatment-Institute of Precision Mechanics, Warsaw
09:35 – 11:05	ASPN nitriding technology-Koszalin University of Technology
11:10 – 11:40	PVD coating – chromium layers-Koszalin University of Technology
11:30 – 12:00	Metal surface finishing-Institute of Precision Mechanics, Warsaw
12:05 – 12:35	Precision temperature measurement in practice-Termoprecyzja Wrocław
12:40 – 13:00	Coffee break
13:00 – 13:30	Furnace control and programming systems and their impact on temperature uniformity AMP
13:35 – 14:45	Discussion panel, closing of symposium with a knowledge contest Main prize: MTB-29er bike
14:45 – 15:30	Lunch Distribution of participation certificates

Detailed schedule and titles of lectures will be dispatched to participants by 20th May 2019

Please feel cordially invited!
The Board of AMP

