Four keynote lectures
Nine technical sessions
61 oral presentations, 26 posters

Topics:

**Section of Heat Treatment:**
- Fundamentals of Heat Treatment
- Heat Treatment of high-quality steels
- Heat Treatment of sheet steels
- Surface Heat Treatment
- Induction Treatment
- Additive Manufacturing
- Processes Simulation
- Quality Control
- Heat Treatment of Non-Ferrous metals

**Section of Thermo-Chemical Treatment:**
- Nitriding and Carburizing
- Carbo-nitriding and Nitro-carburizing
- Plasma and discharge processes
- High Energy Laser and Beam Surface Engineering
- Coatings and films
- Combined processes
- Control and Modeling
6th Asian Conference on Heat Treatment & Surface Engineering
March 05 – 07, 2020, Chennai, India

Last date for abstract submission: 31st July 2019
Intimation of acceptance of abstract: 30th Aug 2019
Submission of final manuscripts: 30th Nov 2019

Please send your abstracts to: conf@6achtse.org

See the website http://6achtse.org/ for exhaustive info:
Chinese Heat Treatment Association holds seminar with IFHTSE experts

CHTA who joined IFHTSE two years ago held their first IFHTSE event in Chongqing, China, under the title of “Bearing, Gear Heat Treatment Summit Forum”. 19 technical reports were presented to about 150 attendees. This was an important step into a continuous close cooperation both on national and international level, underlined by the presence of leaders of both Chinese IFHTSE member associations: Prof. Xiao Hui Tong for the Chinese Heat Treatment Association and Prof. Kewei Xu for the Chinese Heat Treatment Society.

CHTA are also preparing their next IFHTSE event: The “4th International Conference on Heat Treatment and Surface Engineering of Tools and Dies” in October 28-30, 2020, in Hangzhou, China.

After the Seminar was opened by CHTA’s President. Xiao Hui Tong, IFHTSE President Scott MacKenzie gave the first talk on “Aspects of Distortion”, and later on spoke about “Application of Vegetable Oils in Heat Treating Applications”
A pledge of cooperation: Handshake of CHTA President Prof. Xiao Hui Tong, IFHTSE Executive Committee member Prof. Kewei Xu who represents CHTS, IFHTSE President Dr. Scott MacKenzie, and IFHTSE Secretary General Dr. Stefan Hock (from right to left)

IFHTSE Secretary General Stefan Hock speaking about “Damages and failures of case hardened components: Why they occur and what we can do against them”. His other talk was entitled “Control of the grain size of case hardened components through the entire process chain and effect of grain size on the fatigue performance”
The first IFHTSE event organised by our Turkish member association MISAD

Extended Abstract Deadline: 31st December 2019
Notification of Acceptance: 14th February 2020
Deadline for full manuscripts: 17th April 2020

**IFHTSE Fellow Valery Rudnev honoured to deliver Heat Treat Lecture**

Dr. Valery Rudnev, IFHTSE Fellow, was selected to be the Woodside lecturer at the most recent ASM Detroit Chapter meeting.

Dr. Rudnev serves as Director of Science and Technology at Inductoheat, Inc. Known as “Professor Induction” for his 40+ years of experience in the heat treating industry, Dr. Rudnev centered his Woodside lecture on recent theoretical and practical novelties in induction heat treatment. He also unveiled common mispostulations associated with induction heating and frequently overlooked metallurgical subtleties.

*Credits: heattreattoday.com*
All member associations are invited to submit their conferences in English language to be featured here!

### Forthcoming Conferences

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<tr>
<th>Year</th>
<th>Month</th>
<th>Date</th>
<th>Conference Name</th>
<th>Location</th>
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<tr>
<td>2019</td>
<td>OCT</td>
<td>15-17</td>
<td>Heat Treat 2019</td>
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<tr>
<td>2020</td>
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<td>25-27</td>
<td>European Conference on Heat Treatment</td>
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<tr>
<td>2020</td>
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<td>14-18</td>
<td>6th International Conference on Steels in Cars and Trucks</td>
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<td>2020</td>
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<td>International Materials Applications &amp; Technologies</td>
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<tr>
<td>2020</td>
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<td>5th International Conference on Thermal Process Modelling and Simulation (ICTPMS)</td>
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<td>20-22</td>
<td>Härterei-Kongress [languages: German/English]</td>
<td>Cologne, Germany</td>
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<td><a href="http://www.awt-online.org/haertereikongress.html">http://www.awt-online.org/haertereikongress.html</a></td>
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<tr>
<td>2020</td>
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<td>28-30</td>
<td>4th Int'l Conference on HTSE of Tools and Dies European Conference on Heat Treatment and</td>
<td>Hangzhou, China</td>
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<td>2021</td>
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<td>26-28</td>
<td>2nd QDE - International Conference on Quenching and Distortion Engineering</td>
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<td>28th IFHTSE Congress and European Conference on Heat Treatment</td>
<td>Salzburg, Austria</td>
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