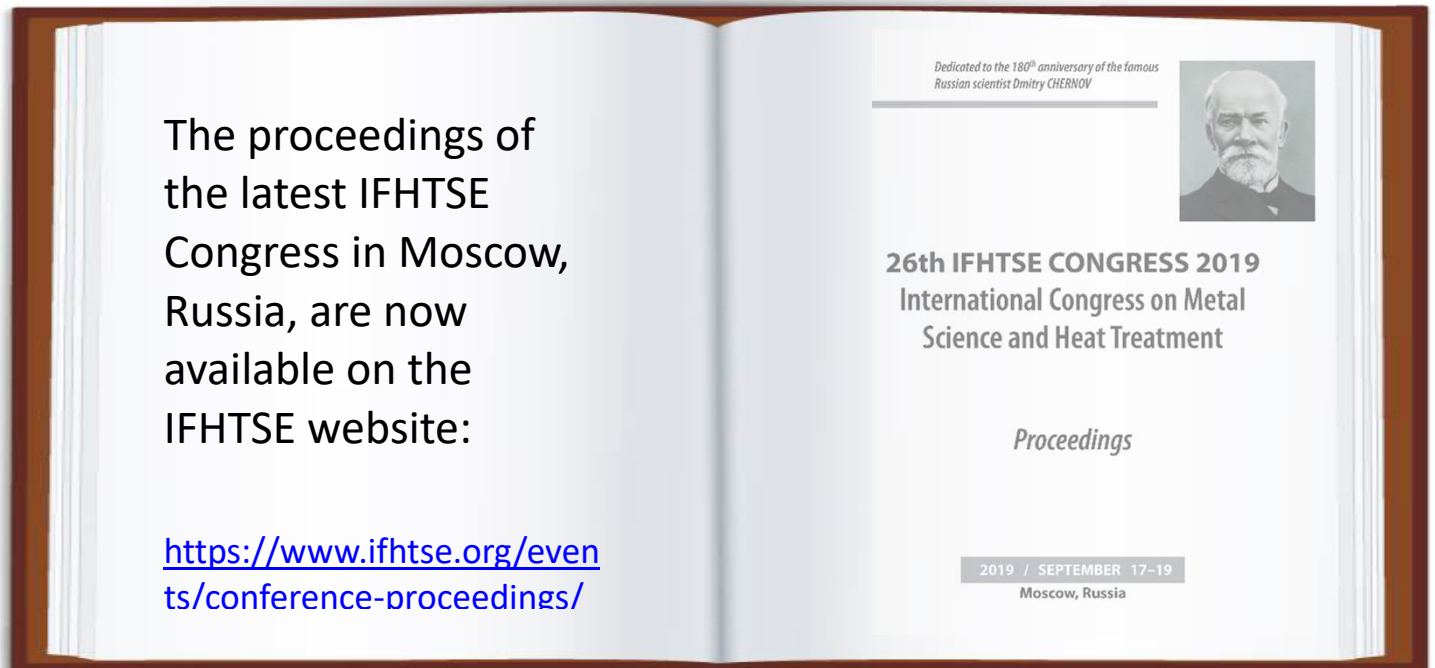


- Congress proceedings on website
- IFHTSE EC member Colás honoured
- Abstract submission for ECHT/QDE until 31 October
- New IFHTSE member: Media solutions
- New book by IFHTSE Fellow



Rafael Colás distinguished as Académico de Honor



The Mexican Academy of Engineering announced that Rafael Colás, Professor at the Faculty of Mechanical and Electrical Engineering of Universidad Autónoma de Nuevo León, was distinguished as Académico de Honor de la Academia de Ingeniería de México, for his academic and industrial achievements in the field of Metallurgy. The award will be conferred by the President of the Academy in a special ceremony. The Académico de Honor distinction is the highest award presented by the

Academy. Rafael Colás was appointed IFHTSE Fellow in 2017 and serves in the Executive Committee of IFHTSE since the present year.

We warmly congratulate on this honour!



Deadline for paper submission extended:

Abstracts can be submitted under www.echt-qde-2021.de

until 31 October!

The conference will be held from 26 to 28th of April 2021 as a presence event in Berlin and, in parallel, a web-based conference. Web based presentations will be presented in the conference hotel as well as over the web. Should the situation require, the presence event will inevitably be omitted. Invoices will be issued only after a corresponding decision has been made. The fees for both types of ECHT/QDE2021 are listed on the homepage.

The QDE conference series is a merger between the former IDE, organized by IWT Bremen, Germany, and QCD, organized by IFHTSE. The conference will cover comprehensively:

- the quenching process as an essential step in the heat treatment of metallic components and
- the relation of the distortion potential of a component with all steps of the manufacturing process especially quenching.

Aichelin Young Speaker Award

Speakers under 35 of age are invited to apply for this award. The award is endowed with the sum of 1500 €.

Schedule

Abstract submission deadline extended:	31 October 2020!
Notification of acceptance:	04th December 2020
Preliminary programme:	29th January 2021
Deadline for full papers:	14th February 2021
Conference:	26th – 28th April 2021

New IFHTSE Member: Media Solutions

We welcome to IFHTSE our new member Media Solutions, Inc., of Pelham, AL, USA. Founded in 2002, they are a full-service publishing and marketing enterprise with direct experience in all aspects of the industry, from trade and consumer magazines to custom publishing projects. They produce monthly trade magazines, custom-published newsletters, and a variety of flyers, pamphlets, and brochures, and are experts in creating all manner of print projects.

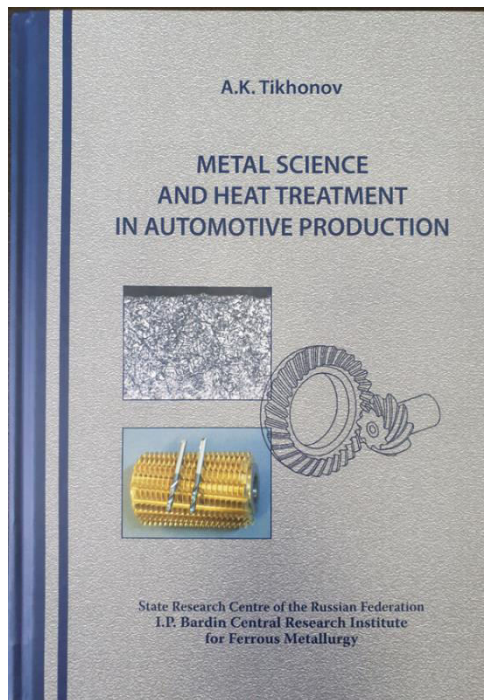
Their “Thermal Processing” and “Gear Solutions” magazines report on and support the heat-treating and gear manufacturing industries, respectively. Through editorial contributions from industry experts, they explore topics of the heat-treating and gear-production processes, including raw materials, equipment and gear design, costs, quality control, machinery, and more. They offer readers timely and valuable content from academia and companies, as well as critical thoughts on what this information means for the future of these dynamic industries. The magazines have global print and digital circulations averaging between 10,000 and 16,000, and they attract more than 20,000 website hits monthly.

www.thermalprocessing.com

www.gearsolutions.com

Thermal 
processing

New book by IFHTSE Fellow Arkadiy Tikhonov



The monograph covers metal science and heat treatment used mainly in the automotive industry of Russia and Germany, France, Japan, and USA.

Methods of thermochemical treatment are reviewed in detail, like cementation, nitriding, carbonitriding, nitrocementation, including treatment of parts produced of iron powders. Sheet steels and their heat treatment for cold stamping of parts used in passenger cars carrying body, including large-dimension ones, are presented.

Micro-structures of aluminum cast alloys and the influence of silumins micro-structure on their mechanical, structural and process properties are analysed.

A big chapter is dedicated to the heat treatment of various tools and dies made of high speed steels.






The monograph can be recommended to specialists of production plants, laboratories, scientists of research institutes, professors and teachers of universities and students of metallurgical and engineering higher schools.

From the contents:

- Polymorphism of iron
- Main alloying elements, their properties and effect on processing properties of steel
- Steel classification and marking
- Characteristics and specifics of certain metals used at Avtovaz
- Heat treatment atmospheres and design of generators
- Development of metal surface saturation with nitrogen and carbon
- Nitrocementation
- Carbonitriding
- Spring steels
- Technology of surface strengthening of parts with high frequency heating
- Sheet steels for cold stamping
- Aluminum casting alloys
- Organization and methods to control quality of metal and components
- Engine camshaft repair technology
- Heat treatment of tools and dies

For orders contact the publisher Metallurgizdat (www.metallurgizdat.com), email: metallurgizdat@yandex.ru

All member associations are invited to submit their conferences in English language to be featured here!

2020	OCT	21-22	Härterei-Kongress [languages: German/English]	online	Germany	https://www.hk-awt.de/	
2020	NOV/ DEC	30-02	European Conference on Heat Treatment	online	Belgium	https://www.a3ts.org/echt2020/call-for-papers/	
2021	APR	26-28	European Conference on Heat Treatment and 2nd QDE - International Conference on Quenching and Distortion Engineering	Berlin <i>plus</i> online	Germany	www.echt-qde-2021.de	
2021	MAY	26-28	4th Mediterranean Conference on HTSE	Istanbul	Turkey	http://mchtse2020.com	
2021	SEP	5-9	6th International Conference on Steels in Cars and Trucks	Milan	Italy	https://www.sct-2020.com/	
2021	SEP	13-16	International Materials Applications & Technologies	St. Louis	USA	https://www.asminternational.org/web/imat	
2021	SEP	14-17	5th International Conference on Thermal Process Modelling and Simulation (ICTPMS)	Cavtat-Dubrovnik	Croatia	https://hdtoip.fsb.hr/	
2021	SEP/ OCT	29-1	14th HTS Int'l Exhibition and Conference	Mumbai	India	https://www.htsindiaexpo.com/	
2021	NOV	23-25	27th IFHTSE Congress	Yokohama	Japan		
2022			28th IFHTSE Congress and European Conference on Heat Treatment	Salzburg	Austria		

Forthcoming Conferences