



# The 5<sup>th</sup> International Conference on Computing and Solutions in Manufacturing Engineering 2020

October 7 - 10, 2020

Braşov - Romania

## CoSME '20 Conference

Organized by the *Transilvania* University of Braşov, Faculty of Technological Engineering and Industrial Management, Department of Manufacturing Engineering, Advanced Technologies and Manufacturing Systems Research Center in cooperation with the Shenyang Jianzhu University, School of Mechanical Engineering, Joint International Research Laboratory of Modern Construction Engineering Equipment and Technology, the **2020 5<sup>th</sup> International Conference on Computing and Solutions in Manufacturing Engineering – CoSME '20** will be held in Braşov, Romania during October 7 - 10, 2020.

## Conference Topics

CAD/CAE/CAPP/CAM/CAX Techniques  
Advanced Manufacturing Technologies  
Additive Manufacturing and Non-conventional Technologies  
Reverse Engineering  
Virtual Engineering  
Quality Engineering and Reliability

Solutions for Tools and Devices in Manufacturing Engineering  
Cold Forming Technologies  
Metal Cutting and High Speed Machining  
Aerospace Technologies  
Industrial Management  
Other related topics

## Papers Publication

The papers presented at **CoSME'20** Conference will be published, online with open-access, in the prestigious publication [IOP Conference Series: Materials Science and Engineering \(MSE\)](#)

The IOP Conference Series: Materials Science and Engineering (MSE) is indexed in [major international databases](#): Conference Proceedings Citation Index – Science (CPCI-S) (Thomson Reuters, Web of Science), Scopus, Compendex, Inspec, INIS (International Nuclear Information System), Chemical Abstracts, NASA Astrophysics Data System, Polymer Library.

[Proceedings of the previous edition of the conference \(CoSME'16\) have been indexed in WoS \(CPCI-S\) and SCOPUS.](#)

## Important Dates

Submission of abstracts: April 15, 2020  
Notification of abstract acceptance: April 25, 2020  
Paper submission: May 15, 2020  
Paper review: August 01, 2020  
Camera ready paper submission: August 24, 2020  
Notification of final acceptance: September 14, 2020  
Early conference fee payment: September 15, 2020  
Late conference fee payment: September 25, 2020  
Final program: September 28, 2020

## Conference Fees

Standard fee: 200 euro;  
PhD students fee: 120 euro;  
Second paper publication: 70 euro;  
Accompanying person: 100 euro;  
Companies who present their products/services: 500 euro;

For further details, please access **CoSME'20** conference website

## Registration

Please upload the paper(s) abstract(s) using the tab [Registration](#) on the conference website. Prospective authors are invited to submit an abstract of maximum 2000 words in English.

## Committees

### International Scientific Committee

I. V. ABRUDAN, Romania	S. CHATTOPADHYAYA, India	C. GARCÍA-HERNÁNDEZ, Spain	S. LI, China	L. A. PÂRV, Romania
M. BĂNICĂ, Romania	L. A. CHICOȘ, Romania	A. GEBHARDT, Germany	M. LOBONȚIU, Romania	R. RUZAROVSKY, Slovakia
N. BÂLC, Romania	R. CIOARĂ, Romania	M. GHEORGHE, Romania	N. B. LUPULESCU, Romania	A. RATNAWEERA, Sri Lanka
P. BERCE, Romania	R. CLINCIU, Romania	R. GOŁĘBSKI, Poland	V. C. MACHADO, Portugal	L. RAJAPAKSHA, Sri Lanka
F. BLAGA, Romania	N. F. COFARU, Romania	C. FETECĂU, Romania	V. MARASCU-KLEIN, Romania	F. SÂRBU, Romania
O. BOLOGA, Romania	J. P. COSTES, France	A. C. FILIP, Romania	R. F. MARTINS, Portugal	C. SCHNAKOVSKY, Romania
I. BONDREA, Romania	N. ČUBOŇOVÁ, Slovakia	S. HLOCH, Slovakia	C. O. MORARIU, Romania	L. SETTINERI, Italy
M. BORZAN, Romania	T. DEACONESCU, Romania	R. HOLUBEK, Slovakia	L. MOROVIČ, Slovakia	L. SLĂTINEANU, Romania
I. BOSTAN, R. Moldova	G. DEZSÓ, Hungary	N. IONESCU, Romania	Gh. NAGÎȚ, Romania	R. STASIAK-BETLEJEWSKA, Poland
D. BRÂNDAȘU, Romania	O. DODUN, Romania	N. V. IVAN, Romania	S. NAVALUSIC, Serbia	H. SUN, China
C. BUNSEN, Germany	C. DOICIN, Romania	D. KOZAK, Croatia	A. NEDELCU, Romania	A. TRIF, Romania
M. BORZAN, Romania	G. DRĂGHICI, Romania	G. KRÓLCZYK, Poland	E. NIȚU, Romania	G. VARGA, Hungary
G. CALEFARIU, Romania	M. V. DRĂGOI, Romania	P. KYRATISIS, Greece	Gh. OANCEA, Romania	K. VELÍŠEK, Slovakia
I. CAMPBELL, United Kingdom	I. DRSTVENSEK, Slovenia	C. LANCEA, Romania	R. PĂCURAR, Romania	Y. WU, China
F. CĂMPEAN, United Kingdom	N. EFTIMIE, Romania	C. LANGLADE, France	E. PĂMÎNȚAȘ, Romania	K. ZHANG, China
R. CIUPERCA, R. Moldova	K. A. ELGHANY, Egypt	S. LEGUTKO, Poland	V. PĂUNOIU, Romania	L. ZHANG, China

### Chair Persons

Gheorghe OANCEA, Chairman  
WU Yuhou, Co-Chairman

Mircea Viorel DRĂGOI, Co-Chairman      Cristin-Olimpiu MORARIU, Co-Chairman  
Nicolae-Valentin IVAN, Honorary Founder Chairman

### Organizing Committee

Paper Submission Coordinator: Nicolae EFTIMIE, [eftimien@unitbv.ro](mailto:eftimien@unitbv.ro)

Financial Administrator: Luminița Aurica PÂRV, [lumiparv@unitbv.ro](mailto:lumiparv@unitbv.ro)

Website Administrator: Camil LANCEA, [camil@unitbv.ro](mailto:camil@unitbv.ro)

M. BLAJ	R. DAICU	N. EFTIMIE	B. LEPĂDĂTESCU	Gh. OANCEA
G. R. BUICAN	B. DEAKY	L. FAN	N. B. LUPULESCU	A. L. PÂRV
H. BULEA	V. DIȚU	F. FECHETE	L. A. MIHAIL	H. SHI
L. A. CHICOȘ	M. V. DRĂGOI	A. C. FILIP	C. O. MORARIU	R. UDROIU
M. R. CLINCIU	S. S. DUICU	M. FOLEA	M. D. NĂȘULEA	M. URDEA
R. CLINCIU	A. E. DUMITRAȘCU	C. LANCEA	I. NEAGOE	H. WANG
F. CORCIOVA			A. NEDELCU	S.M. ZAHARIA

## Conference Venue

[CoSME Conference](#) is organized by *Transilvania* University of Brașov, Faculty of Technological Engineering and Industrial Management, Department of Manufacturing Engineering, since 2004, and will take place in “probably the most beautiful city of Romania”.



Surrounded by the peaks of the Southern Carpathian Mountains and impressive by its Gothic, Baroque and Renaissance architecture, and also wealth of historical attractions, *Brașov* is one of the most visited cities in Romania. Founded by the Teutonic Knights in 1211, Brașov exudes a distinct medieval ambiance like many other places from surrounding area, such as the famous *Bran Castle* (known as the *Dracula Castle*).

*Brașov*, the capital of the Brașov County, is located in the heart of Romania, in the region of Transylvania. It is one of the most important cities of Romania from economic, cultural, and academic point of view.

