



UFOP

# 1st International Congress on Politic, Energy Metallurgy and Environment PEME for BRICS 2018

Federal University of Ouro Preto, Ouro Preto-Mg, Brazil  
Abril 10<sup>th</sup> to 12<sup>th</sup>, 2018



The 1st International Congress on Politics, Energy, Metallurgy and Environment for BRICS (PEME for BRICS-2018) is planned to be held at the Federal University of Ouro Preto, Ouro Preto, MG, (Brazil) from April 10th to 12th, 2018. PEME for BRICS series of conference, held once in a year, is a Brazilian initiative, the major objective of which is to create and sustain interest in iron and steelmaking by considering politic, energy, and environment as fundamental pillars for sustainable growth in these industries.

Iron and steel production in BRICS has been growing steadily and is expected to touch 1.33 BTPA mark by 2025. Research and development on steelmaking are therefore national priorities for all BRICS' countries. The success of all metallurgical mainly steelmaking conferences generates hope that PEME for BRICS-2018, held in a vibrant academic and industrial environments, shall provide a unique platform to academicians and researchers from all BRICS' countries to present, discuss and deliberate issues related primarily with education, research, and production of iron and steel. With the participation of BRICS' renowned academicians, experts from the industry, and politicians PEME for BRICS-2018 is likely to be an excellent knowledge sharing platform helping engineers, researchers, politicians and students remain up-to-date with various current issues challenging the steel industry.

Technical programme is planned to include of a plenary session, parallel sessions as well as a special session devoted to "politic, energy, metallurgy and environment" present and future concerns. The technical programme begins on the April 10th morning with eminent personalities from politic, academia and industry delivering plenary lectures. Parallel sessions commence from the afternoon of 11th and shall see through many renowned international and national researchers/engineers as keynote and invited speakers. The special session shall highlight a panel discussion and presentations to help evolve necessary guidelines for shaping up new tendencies on steelmaking processes and research in the BRICS. Beyond rich technical sessions, adequate social events in evenings have been planned to make STIS-2017 a memorable event.

10th April, Tuesday – Plenaries on politics, energy, metallurgy and environment.

11th April, Wednesday – key lectures on four themes

12th April, Thursday – key lectures, papers, concluding remarks and announcement of the next PEME for BRICS.

S.K.Gupta, Eberhard Karnitsch Einberger, P. K. Sem, Hem Shanker Ray, Svetlana V. Yefremova, Akilesh Joshi, Partha Sengupta, Dara Damania, Ge Hao, Ajoy Ghose, Marina Kalugina, Zhanna Belyaeva

CONFERENCE: 10<sup>th</sup> to 12<sup>th</sup> Abril 2018

ABSTRACT SUBMISSION DEADLINE – 26<sup>th</sup> January 2018

NOTIFICATION ACCEPTANCE – 9<sup>th</sup> February 2018

SUBMISSION OF FULL TEXT – 16<sup>th</sup> March 2018

REGISTRATION DEADLINE – 23<sup>rd</sup> March 2018

Tourism at Ouro Preto and Mariana – 13<sup>th</sup> April 2018 (100 people)

Abstract on original and unpublished research work, not exceeding 300 words, is invited on different conference themes and beyond, from researchers engaged in academia, industry, R & D and design organizations. All manuscripts shall undergo peer review and published in a proceeding for distribution among all registered delegates. The themes are:

Politics for steelmaking	Synthetic biofuels	Agglomeration	Ingot/continuous casting
Efficient use of coal	Reduction of emissions	Coking and auxiliary systems	Modeling in iron/ steelmaking
Expansion of steelmaking	Alternative energy for steelmaking	Blast furnace	Clean steel technology
Energy	Clean Development Mechanism	Alternative iron making & pre-treatment	Emerging and sustainable iron & steelmaking
Solid Oxide Electrolysis Cells	Fundamentals of iron and steelmaking	BOF and EAF steelmaking	Refractories in iron and steelmaking
Fischer Tropsch Synthesis	Raw materials and beneficiation	Ladle metallurgy	

Registration fee includes access to technical sessions, a conference proceeding, stationary, lunch and dinner. A local site seeing programme for all accompanied person is also planned.

Please use your personal net banking to pay the conference registration fee. The following are the details of the conference bank account to which registration fee payment can be made. Please send a personalized e-mail to [brics2018@gmail.com](mailto:brics2018@gmail.com) indicating the amount and date of transfer.

category	Domestic	Overseas
<b>Individual</b>	R\$ 1,530.00	US \$ 490.00
<b>Spouse</b>	R\$ 800.00	US \$ 250.00
<b>Student*</b>	R\$ 480.00	US \$ 150.00

\*3 students per country and on invitation only

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Conference  
Program

Plenary  
Speakers

Important  
Dates

Call for  
Papers and  
Abstract  
submission

Registration

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