

INTERNATIONAL CONFERENCE ON ADVANCES IN PRODUCT METALLURGY OF LONG AND FORGED PRODUCTS

12–15 JULY 2015 | VAIL, COLO.



GENERAL INFORMATION:

LONG AND FORGED PRODUCTS ARE USED IN MANY CRITICAL APPLICATIONS, INCLUDING TRANSPORTATION, ENERGY AND HEAVY EQUIPMENT. THIS SYMPOSIUM INTENDS TO BRING TOGETHER INDUSTRIAL AND ACADEMIC RESEARCHERS TO PRESENT ON TOPICS RELATED TO ADVANCES IN THE PHYSICAL, MECHANICAL, AND PRODUCT METALLURGY OF BARS, TUBES AND FORGINGS. ABSTRACTS ARE DESIRED TO ADDRESS NEW DEVELOPMENTS IN AREAS SUCH AS ALLOY DESIGN, THERMAL OR THERMOMECHANICAL PROCESSING, MICROSTRUCTURE CONTROL DURING STEEL MANUFACTURING OR HEAT TREATMENT, AND VARIOUS OTHER ASPECTS OF PHYSICAL AND/OR MECHANICAL METALLURGY AFFECTING MANUFACTURE OF THE RAW MATERIALS OR MANUFACTURE/SERVICE PERFORMANCE OF THE FINAL PRODUCTS.

TOPICS OF INTEREST INCLUDE BUT ARE NOT LIMITED TO:

- BAR, ROD OR WIRE PRODUCT TECHNOLOGIES
- MATERIALS AND/OR PROCESS MODELING FOR LONG PRODUCTS
- MICROSTRUCTURAL AND GRAIN SIZE CONTROL
- MICROALLOYING APPROACHES
- SURFACE HARDENING AND MODIFICATION
- EMBRITTLEMENT PHENOMENA
- FORGINGS: CLOSED OR OPEN DIE, LARGE OR SMALL SECTION
- HOT, WARM AND COLD FORMING STEELS/PRODUCTS
- SEAMLESS MECHANICAL TUBULAR PRODUCTS
- HIGH-STRENGTH AND/OR HIGH-TOUGHNESS STEELS
- IMPROVED STEEL CLEANLINESS
- INNOVATIVE PROCESS TECHNOLOGIES
- MACHINABILITY
- THERMAL PROCESSING DEVELOPMENTS

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