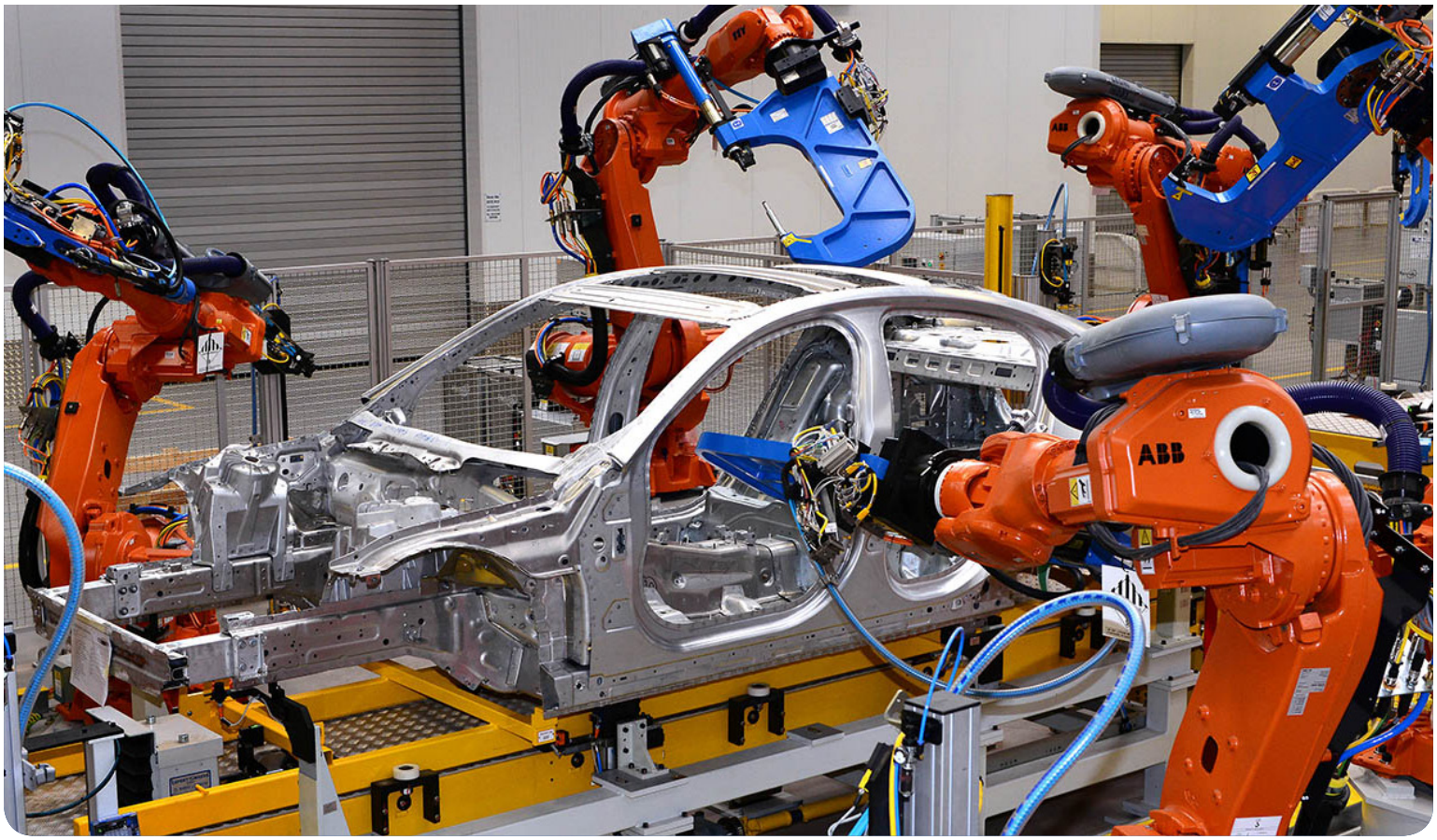
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Tentative Program

International Conference on Mechatronics, Automation and Smart Materials

November 13-14, 2017 Paris, France

Theme: "Contemporary Advances in Mechatronics, Automation and Smart Materials"



Interactive Sessions

Keynote Lectures

Plenary Lectures

Workshops

Exhibitors

B2B Meetings

For available speaker slots

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Tentative Program

International Conference on

Mechatronics, Automation and Smart Materials

Program at A Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2 (slot available)
		10.15-10.45	Keynote/Plenary Talk 3 (slot available)
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	Keynote Slots available		
	11.00-12.40	5 Speakers (20 Mins Each)	
	(Speaker slots available)		
	Lunch Break 12.40-13.30		
Evening Sessions	13.30-15.30	6 Speakers (20 Mins Each)	
	(Speaker slots available)		
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	Workshop and 5 Speakers (20 Mins Each)	

Day 2

Morning Sessions		Time	Session 1	Session 2
	09.00-10.40		Keynote Forum	5 Speakers (20 Mins Each)
	Keynote Slots available			
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	(Speaker slots available)			
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	(Speaker slots available)			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

Note: Program Schedule is subject to change with final allotment of the speaker slots.

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Keynote Session

Title: Integrated forming processes and drop test simulations for a helicopter skid landing gear cross beam
Dr. Augustin Gakwaya, *University Laval, Canada*

Title: Stability of Fluid Film Bearings under Laminar and Turbulent Regimes
Dr. Mohamed Gadala, *ADU-UAE & UBC-Canada*

Title: Evaluation for Long-Term Structural Shading Materials for use in Harsh Environments
Dr. Omar S. Es-Said, *LMU, USA*

Title: Mechatronics Principles Applied to Collaboration between R&D and Industry
Dr. Andrew Goldenberg, *University of Toronto, Canada*

Title: Producing Designers - Development of DIT's cross-disciplinary Product Design programme
Robert Tully & Colm O'Kane, *Dublin Institute of Technology, Ireland*

Title: Design Thinking and Modelling Laser-Material Interactions in the Industrial Context
Dr. Wolfgang Schulz, *Fraunhofer ILT Aachen and RWTH Aachen University, Germany*

Title: Soft Robotics: Modeling, Simulation & Control
Christian Duriez, *INRIA France*

Title: Parallel Robotic Manipulator and Its Innovation Design
Dan Zhang, *York University Toronto, Canada*

Title: Coulomb´s memoir on Human-Machine Interaction
Agamenon Rodrigues Eufrasio Oliveira, *Federal University of Rio De Janeiro, Brazil*

Title: A new approach in virtual sensing
Monssef Drissi, The French Institute for Transports (IFSTTAR) , France

Title: Intelligent Design and Creativity for Smart Manufacturing
Yun Li, Dongguan *University of Technology, China*

Featured Speakers

Title: Design and Development of the Step-gauge Calibraion System
Jr-Rung Chen, *Industrial Technology Research Institute, Taiwan*

Title: How to adjust the mechanical and biological properties of UHMWPE for biomedical purposes by changing the alumina-zirconia content
Maria Giulia Faga, *National Research Council of Italy (CNR). Italy*

Title: Influence of Mold Oscillation during Solidification on Grain Size, Degree of Grain Refinement and Tensile Properties of the A356 and A319 Aluminum Alloys
S.P.Tewari, *IIT (BHU), Varanasi*

Title: Flexible heat exchangers with polymeric hollow fibers
Miroslav Raudensky, *Brno University of Technology, Czech Republic*

Title: Roller Bearing Fault Detection and Life Estimation Using Wavelet Packet Transform
Farzad Hemmati, *UBC, Canada*

Title: Invisible Numerical Control for Machine Tool : The Concept and architecture
Yongzhi Cheng, *Wuhan University of Science and Technology, China*

Title: Design of Ti- and Ta-based materials by SHS
Olga Kamynina, *Russian Academy of Science, Russia*

Title: Laser-based machining of glass surfaces for tailoring hydrophilicity
Dr Haider Butt, *University of Birmingha, UK*

Title: Research Progress on Precision Manufacture and Measurement
Jiang Zhuangde, *Xi'an Jiaotong University(XJTU), China*

Title: Exploring nonlinear phenomena in micromechanical resonators to develop mems oscillators with improved short term stability
Xueyong Wei, *Xi'an Jiaotong University(XJTU), China*

Title: A semi-sequential actuator design for multipoint tools
Matthias Wimmer, *Munich University of Applied Sciences, Germany*

Title: Indication of future provisions of ship hull
Khadeev Ravil, *State Research and Test Institute of Military Medicine, Russia*

Title: A systematic approach on analyzing the relationship between straightness & angular errors and guideway surface in precise linear stage
Hao Tang, *Hunan University of Science and Technology, China*

Title: Analysis of the high-rate elastic-plastic deformation of elements of modern designs, taking into account the dynamic properties of the materials under impact loads
Nataliia Ovcharova , *Ukrain*

Title: Problems of thermoelastic and vibration strength of cooled single-crystal blades
Yuri Vorobiov, Ukrain

Title: Design, modelling and optimization of compliant mechanisms
Guangbo Hao, *University College Cork, Ireland*

Title: Quality improvement procedure and quality promotion practice for automobile industry
Fuli Zhou, China

Title: Error Compensation and Accuracy Improvements in 5-axis Machine Tools Using the Global Offset Method
Jie Gu, *General Motors R&D , USA*

Title: Invisible Numerical Control for Machine Tool: The Concept and architecture
Yingxue Yao, *Harbin Institute of Technology, Shenzhen, China*

Title: Theory of fracture of the edge of the coal/rock bed by the gas-filled cracks. Instantaneous loading-out
Edward Feldman , *Institute for Physics of Mining Processes, Ukraine*

Title: PROJEL: An Educational Web Based Platform to Teach and Develop Monophasic Electric Projects in 2-3D with Decision Support
Marcos Negreiros, *University of Ceará (UECE), BRAZIL*

Title: Impact of Product Design on Agile Production
Alexander Pointner, *Graz University of Technology, Austria*

Title: Combination of photovoltaic systems and unified power quality controllers in distribution systems for power quality improvement: Application to well known site
Wassila Issaadi, *University of Bejaia, 06000 Bejaia, Algeria*

Title: Thin Cable-like Continuum Robots for Remote Inspection
Ian D. Walker, Clemson University, USA

Title: USV navigation in a real-time map using intelligent path planner
Yogang Singh, *University of Plymouth, UK*

Title: Fractional Order PID Control of Rotor Suspension by Active Magnetic Bearings
Parinya Anantachaisilp, *Royal Thai Air Force Academy, Thailand*

Title: Develop the Path Planning System for a B-axis Fixed Plane on a 4-axis Machine Tool
Hao-Ting Lin, *Feng Chia University, Taiwan*

Title: Materials Research Based Design and Production Guidelines for Rubber Components
Frank Abraham, *University of Plymouth, PL4 8AA, United Kingdom*

Title: Temporary Clusters: A New Approach for Manufacturing SME Management
Ahmed Deif, *California Polytechnic State Univ., CA, USA*

Title: Fast plasma figuring technology for the correction of meter-scale optical surfaces
R Jourdain, *Cranfield University, UK*

Title: Lean Product and Process Development: A Value Creation Paradigm That Goes BeyondLean Manufacturing
Ahmed Al-Ashaab, *Cranfield University, UK*

Title: Regulation of open porosity and strength in ceramics based on electro corundum and porcelain biinder
Zaw Ye Maw Oo, *D. Mendeleev University of Chemical Technology of Russia*

Title: Advanced concept in analyzing tool performance in parts production processes
Abdelaziz AMIRAT, Badji Mokhtar Annaba University, Algeria

Speaker Slots are Available

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Glimpses of Engineering Conferences

















Glimpses of Engineering Conferences















City Attractions

















About Paris

Paris is the capital and the most populous city of France. It has an area of 105 square kilometers and a population in 2013 of 2,229,621 within the administrative limits. The city is both a commune and department, and forms the centre and headquarters of the Paris Region, which has an area of 12,012 square kilometers and a population in 2014 of 12,005,077, comprising 18.2 percent of the population of France.

Paris is the hub of the national road network and is surrounded by three orbital roads: the Peripherique, the A86 motorway, and the Francilienne motorway. Among Paris's important museums and cultural institutions are the most visited art museum in the world, the Louvre, as well as the Musee d'Orsay, noted for its collection of French Impressionist art, and the Musée National d'Art Moderne in the Pompidou Centre, the largest collection of modern and contemporary art in Europe.

The central area of the city along the Seine River is classified as a UNESCO Heritage Site, and includes many notable monuments, including Notre Dame Cathedral (12th century to 13th century); the Sainte-Chapelle (13th century); the Eiffel Tower (1889); the Grand Palais and Petit Palais (1900); and the Basilica of Sacré-Coeur on Montmartre (1914). In 2015 Paris received 22.2 million visitors, making it one of the world's top tourist destinations and is also known for its fashion, particularly the twice-yearly Paris Fashion Week, and for its haute cuisine, and three-star restaurants. Most of France's major universities and grandes écoles are located in Paris, as are France's major newspapers, including Le Monde, Le Figaro, and Liberation.

Climate

Paris has a typical Western European oceanic climate which is affected by the North Atlantic Current. The overall climate throughout the year is mild and moderately wet. November is a very cool time of year to visit Paris, France, when the weather can be cold and wet. At this time of year, the average temperature starts off at 14°C on November 1st and drops down to 9.5°C by November 31st.

Important Dates

Abstract Submission Opens: January 10, 2017

Registration Opens: January 23,2017

Venue:

Paris, France



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