



## 7th IFToMM International Workshop on Computational Kinematics (CK2017) Futuroscope-Poitiers, France, May 22-24, 2017 **FIRST CALL FOR PAPERS AND ANNOUNCEMENT**

CK2017 aims to bring together researchers from the broad range of disciplines related to Computational Kinematics in an intimate, collegial and stimulating environment, where they can present and exchange their newest scientific results. The CK2017 Workshop is one of the activities of the IFToMM Technical Committee for Computational Kinematics. The previous sites of this Workshop series were Schloss Dagstuhl (1993), Sophia Antipolis (1995), Seoul (2001), Cas-sino (2005), Duisburg-Essen (2009) and Barcelona (2013).

**Topics :** Papers are solicited on topics related with Computational Kinematics, including but not limited to:

- Kinematic design and synthesis
- Computational geometry in kinematics
- Motion analysis and synthesis
- Theory of mechanisms
- Mechanism design
- Kinematical analysis of serial and parallel robots
- Kinematical issues in biomechanics
- Molecular kinematics
- Kinematical motion analysis and simulation
- Geometric constraint solvers
- Deployable and tensegrity structures
- Robot motion planning
- Applications of computational kinematics
- Education in computational kinematics
- Theoretical foundations of kinematics

**Contributed Papers:** Original papers must be submitted in PDF format. Manuscript templates are available on the conference website. Only papers for which at least one author has registered for CK2017 prior to final submission will be accepted for the conference and be included in the proceedings. Accepted papers will be published after the workshop by Springer in an edited book.

### Registration fees

Registration fees include admission to technical sessions, coffee breaks, welcome drink, banquet, and conference proceedings. The registration fees are:

	Before April 1st, 2017	Standard Rate
Regular (IFToMM MO)	400€	450€
Regular (non MO)	450€	500€
Student (IFToMM MO)	300€	350€
Student (non MO)	325€	375€



<http://iftomm-ck2017.sciencesconf.org/>

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### Technical Sponsors

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### Important Dates:

Paper submission: 12/31/2016  
Notification of acceptance: 02/06/2017  
Final submission: 02/15/2017