



## **CALL FOR PAPERS**

### **The 6th IASTED International Conference on Computational Intelligence ~CI 2015~**

February 16 – 18, 2015  
Innsbruck, Austria

**DEADLINES EXTENDED!**

#### **SPONSOR**

The International Association of Science and Technology for Development (IASTED)

#### **LOCATION**

Innsbruck has always been valued as a European treasure by monarchs and civilians alike, and today remains a tourist favourite for its charm, history, and natural beauty. Scenically positioned between impressive mountain ranges and the Inn River, the town is ideal for winter sports; skiing and snowboarding hills are right outside the door. If you prefer hiking, the area offers beautiful views for those seeking adventure or leisurely recreation. You can also experience the breathtaking views via nostalgic tram and carriage rides through the streets, or simply enjoy the scenery from the cozy village itself.

The town itself has much to offer, including the Alpine Zoo, which is the largest in Europe, several museums, including a gallery of intricately designed crystal-art, and an exciting nightlife to suit any tastes. Traditional, cultured, and modern restaurants offer culinary delights while trendy cafés and classic pubs line the streets for more casual fare. The old part of Innsbruck is a great place to explore interesting historic monuments, including Archduke Ferdinand II's 10th-century Schloss Ambras, and Maximilian I's famous Golden Roof. Newer areas boast convenient shopping centres and fashionable boutiques. Come and see what Innsbruck has to offer, whether you wish to explore or just relax in a charming mountain village.

#### **PURPOSE**

This conference provides an opportunity for prominent international specialists, researchers, and

engineers to present and observe the latest research, results, and ideas in the area of computational intelligence. CI 2015 aims to strengthen relations between industry, research laboratories, and universities.

## SCOPE

The topics of interest to be covered by CI 2015 include, but are not limited to:

## THEORY

---

- Adaptive and optimal control
- Ant colony optimization
- Classification
- Evolutionary computation
- Fuzzy systems
- Intelligent systems and control
- Machine learning
- Natural language processing
- Neuro-fuzzy systems
- Pattern recognition
- Swarm intelligence
- Agent and multiagent systems
- Artificial intelligence
- Clustering
- Expert systems
- Genetic algorithms
- Knowledge discovery
- Modelling and simulation
- Neural networks
- Optimization
- Planning and scheduling
- Text mining

## APPLICATIONS

---

- Assistive technology
- Bioinformatics
- Biometrics
- Communication systems and networks
- Computational genomics
- Computer vision
- Data mining
- Economics
- Engineering
- Image and signal processing
- Smart grid
- Vehicles and transportation
- Big data
- Biomedical engineering
- Business intelligence
- Computational biology
- Computer games
- Control system and automation
- Decision systems
- Education
- Finance
- Robotics
- Social network mining
- Web-mining

## SUBMISSION

Submit your paper via our website at: [www.iasted.org/conferences/submit-827.html](http://www.iasted.org/conferences/submit-827.html). All submissions should be in Adobe Acrobat (.PDF) format.

The IASTED Secretariat must receive your paper by **December 12, 2014**. Receipt of paper submission will be confirmed by email.

Authors submitting their papers early will normally receive notification at an earlier date.

### Initial Paper Requirements

All papers submitted to IASTED conferences must be previously unpublished and may not be considered

for publication elsewhere at any time during IASTED's review period. Authors are limited to a maximum of three paper submissions.

Initial paper submissions should be **full papers**. Papers of up to 8 pages in length are included in the conference registration fee. An extra charge will apply for every additional page for papers longer than 8 pages. Authors are responsible for having their papers checked for style and grammar before submitting to IASTED. Papers may be rejected if the language is not satisfactory.

When submitting a paper, complete the online initial paper submission form, designating an author who will attend the conference, and provide four key words to indicate the subject area of your paper. At least one of the key words must be taken from the list of topics provided under [Scope](#), above.

Formatting instructions for initial papers are available at [www.iasted.org/formatting-initial-page.html](http://www.iasted.org/formatting-initial-page.html).

### **Reviewing**

All papers submitted to this conference will be double-blind peer reviewed by at least two members of the International Program Committee and related technical committees. Acceptance will be based primarily on originality, significance, technical soundness, presentation, and references. The conference chair makes the final decision on the acceptance or rejection of the paper.

### **Acceptance and Registration**

Notification of acceptance will be sent via email by **January 5, 2015**. Final manuscripts are due by **January 12, 2015**. Registration and final payment are due by **January 12, 2015**. Late registration fees or paper submissions will result in the papers being excluded from the conference proceedings.

Only one paper of up to eight pages is included in the regular registration fee. There will be an added charge for extra pages and additional papers.

### **Final Paper Requirements**

The final paper must be correctly formatted and submitted online at <http://pdfportal.iasted.org>.

The formatting instructions can be found at: [www.iasted.org/formatting-final-page.html](http://www.iasted.org/formatting-final-page.html) and must be strictly followed. The page limit for final papers is eight single-spaced pages in 10 point Times New Roman font.

## **TUTORIALS**

### **Submission**

Proposals for three-hour tutorials must be submitted online by **December 12, 2014**. Submit tutorial proposals via the following web site address:

[www.iasted.org/conferences/submittutorial.aspx?id=827](http://www.iasted.org/conferences/submittutorial.aspx?id=827).

### **Proposal Format**

A tutorial proposal should clearly indicate:

- The topic.
- Background knowledge expected of the participants.
- Objectives.
- Time allocations for the major course topics.
- The qualifications of the instructor(s).

## SPECIAL SESSION

Special session proposals must be emailed to [calgary@iasted.org](mailto:calgary@iasted.org) by **December 12, 2014**. Proposals should include a session title, a list of the topics covered, and the qualifications and brief biography of the session organizer(s).

Papers submitted to the special session must be received by **December 12, 2014**, unless otherwise stipulated by the Special Session Organizer. A minimum of five papers must be registered and fully paid in order for this session to be included in the conference program.

More information on special sessions is available at [www.iasted.org/conferences/specialsession-827.html](http://www.iasted.org/conferences/specialsession-827.html).

## JOURNALS

Papers submitted to this conference that have been revised to include new results and offer a unique contribution may be considered for possible publication in ACTA Press' international journals (<http://www.actapress.com/>). For additional information about the submission of papers to journals, please visit: <http://www.actapress.com/SubmissionInfo.aspx>.

## INDEXING

The proceedings will be sent for indexing in the following:

- [EI Compendex](#)
- [Inspec](#)
- [Google Scholar](#)
- [Scopus](#)

## IMPORTANT DEADLINES

<b>Latest Submissions Due</b>	December 12, 2014
<b>Notification of Acceptance Starting</b>	January 5, 2015
<b>Final Manuscripts Due</b>	January 12, 2015
<b>Registration Deadline</b>	January 12, 2015

## Concurrent Conferences

CI 2015 will be held in conjunction with the IASTED International Conferences on:

- [Modelling, Identification and Control \(MIC 2015\)](#)

## CONTACT US

For more information, or to be placed on our mailing list, please contact:

IASTED Secretariat – CI 2015  
B6, Suite 101, Dieppe Avenue SW

Calgary, AB, Canada T3E 7J9

Tel: +1 403-288-1195

Fax: +1 403-247-6851

Email: [calgary@iasted.org](mailto:calgary@iasted.org)

Web site: [www.iasted.org](http://www.iasted.org)