

# COA'2010

## 9th IFAC Symposium on Cost Oriented Automation Affordable Automation Systems

September 1-3, 2010, Prague, Czech Republic

### Scope and Topics of COA'2010

...from ideas to low cost/cost effective automation...

In the sequence of the successful symposia on "Low Cost Automation" (1986-2007), COA'2010 is devoted to "Cost-Oriented Automation" or "Affordable Automation Systems" mainly focusing on methods how to reduce the cost of automation systems. Cost savings do not concern only a use of low cost control systems, but they can be achieved in a number of ways on the path from good ideas to successful implementation, for example:

- \* by architecture and software tools for enterprise integration and networking;
- \* by human collaboration with automation systems;
- \* by designing control systems with higher flexibility, scalability and openness;
- \* by sophisticated methods for faster and cheaper designing industrial controllers or their programs;
- \* by methods for testing and verification to speed up necessary commissioning;
- \* by better education and training of maintenance teams - the cost of maintaining obsolete equipment plays a quite significant role;
- \* by improving operation and maintenance methods; and
- \* by recycling systems, which were put out of operation.

### Submit your paper to COA2010 symposium

- \* if you are a researcher and your interests include theories, design methods, architectures and development approaches for automation process or equipment aiming to optimize the long term costs;
- \* if you are a practitioner working in manufacturing, transportation, distributed or embedded system or instrumentation with costs constraints; or
- \* if you are a lecturer dealing with methods how to reduce expenses of practical training or education of specialists in automatic control.

The symposium will be held in Conference centre of Czech Technical University (CTU), nearby terminal underground station Dejvicka (line A). The venue is surrounded mainly by diplomatic residences and is located at 15 minutes distance from Prague's international airport by the public city bus and at 10 minutes distance from Prague's historical center by underground. The Conference centre will also offer low cost/cost effective accommodation for attendants of COA2010.



### Important Dates / Deadlines

- |                                     |                                     |                   |
|-------------------------------------|-------------------------------------|-------------------|
| <input checked="" type="checkbox"/> | Draft Paper Submission              | January 15, 2010  |
| <input type="checkbox"/>            | Acceptance / Rejection Notification | March 15, 2010    |
| <input type="checkbox"/>            | Final Paper Submission              | May 15, 2010      |
| <input type="checkbox"/>            | COA'2010 Symposium Opening          | September 1, 2010 |

[www.ifac.cz/coa/](http://www.ifac.cz/coa/)

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