

# Response

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WZLforum an der RWTH Aachen  
Steinbachstraße 25

52074 Aachen  
Germany

# Organisation

**Date**  
November 17-18, 2011

**Venue**  
Novotel Aachen City  
Peterstr. 66  
52062 Aachen

WZL der RWTH Aachen University  
Manfred-Weck-Haus  
Steinbachstr. 19  
52074 Aachen

**Fee**  
€ 895,-  
The fee includes conference documents, break snacks, lunch and the participation in the dinner buffet. Please do not pay prior to receiving the invoice. In case of cancellation until one week prior to the event, a fee of € 100,- will be charged for administration efforts. For no-shows and late cancellation, the full price will be charged.

**Registration**  
Kindly register by using the attached form or do so informally until November 10th, 2011 to the WZLforum, Aachen. A tentative reservation can be made via phone. Registrations are considered by the order of their reception.

**Your contact**  
WZLforum an der RWTH Aachen University  
Steinbachstraße 25  
52074 Aachen  
Frau Sabrina Gellissen  
Tel.: +49 (0)2 41 / 80 236 14  
Fax: +49 (0)2 41 / 80 225 75  
E-Mail: s.gellissen@wzl.rwth-aachen.de  
URL: www.WZLforum.rwth-aachen.de

**Accommodation**  
Accommodation arrangements can be made at:

Aachen tourist service  
Postfach 10 22 51  
52022 Aachen  
Tel.: +49 (0)2 41 / 180 29 50  
Fax: +49 (0)2 41 / 180 29 30  
E-Mail: incoming@aachen-tourist.de  
URL: www.aachen-tourist.de/hotels

# Topic

The conference is primarily for experts in the fields of production and those closely related to production.

**Chairmen:**  
Prof. Dr. Robert Schmitt, WZL, RWTH Aachen University, Germany  
Prof. Dr. Günther Schuh, WZL, RWTH Aachen University, Germany

Due to fast changing market requirements and short product lifecycles the Ramp-up phase is the crucial point in the lifecycle of a production system. Various stakeholders and departments such as design, purchasing, production, engineering and other functional sections of a company interconnect for the first time.

The intercommunication in this phase leads to turbulences in the planning procedure and requires many interdependent decisions in a dynamic and interdisciplinary environment.

Therefore the transfer of the planned socio-technical production system into serial state is characterized by instable behaviour. Changing requirements as well as vague specifications impede safe predictions concerning the production output of the system. Striking gaps between planned and actual starting curves appear and often customer requirements cannot be met because of unsatisfying product quality and quantities. Establishing stability within this unstable surrounding is the main challenge in Ramp-up Management.

The first International Conference on Ramp-up Management offers a new platform for the exchange of experiences for researchers and managers. The focus of the conference is set on the presentation of highly innovative methods and models from sciences as well as producing industry.

# 1st ICRM International Conference on Ramp-up Management

November 17-18, 2011  
Germany, Aachen



# 1st ICRM International Conference on Ramp-up Management

November 17, 2011, Novotel Aachen City

- 12.30 Check-In and Come together
- Key Note Presentation**
- 14.00 Relevance and Rigour – Challenges in Ramp-up-Management  
Prof. Robert Schmitt, WZL, RWTH Aachen University, Germany
- Research on Stability in Ramp-up-Management – State of the Art and Future Perspectives**  
Chairman: Prof. Günther Schuh, WZL, RWTH Aachen University, Germany
- 14.30 Concurrent Engineering Approach for Rapid Ramp-up in Information-Supported Environment  
Prof. Fumihiko Kimura, University of Tokio, Japan
- 15.00 Managing Network Relationships in Innovation Systems: the Mediating Role of Competitive Intensity  
Prof. Graça Maria de Oliveira Miranda Silva, New University of Lisbon, Portugal
- 15.30 Setting up Stable Cooperation Mechanisms for Supply Networks  
Prof. József Vancza, Hungarian Academy of Sciences, Hungary
- 16.00 Coffee Break
- 16.15 Ramp-up-Management Supported by Digital Enterprise Technologies  
Prof. László Monostori, Hungarian Academy of Sciences, Hungary
- 16.45 Virtual Commissioning for Automated Assembly  
Prof. George Chryssolouris, University of Patras, Greece
- 17.15 Ramp-up Optimization by Process Simulation  
Prof. Gisela Lanza, Karlsruhe Institute of Technology, Germany
- 17.45 Summary  
Prof. Günther Schuh, WZL, RWTH Aachen University, Germany

# 1st ICRM International Conference on Ramp-up Management

November 18, 2011, WZL der RWTH Aachen University

- 08.30 Introduction  
Prof. Günther Schuh, WZL, RWTH Aachen University, Germany
- Best Practices from Industrial Application**  
Chairman: Prof. Robert Schmitt, WZL, RWTH Aachen University, Germany
- 09.00 Ramp-up Management Challenges & Success Factors in the Fast Moving Consumer Goods Industry – a Personal Care Case Study  
Prof. Tobias Held, Hamburg University of Applied Sciences, Germany
- 09.30 Successful Supplier Management During Ramp-up in the Automotive Industry  
Prof. Jörg Elsenbach, Dräxlmeier Group, Germany
- 10.00 Coffee Break
- 10.30 Scaleable Ramp-ups in Hybrid Production Systems  
Prof. Alexander Sauer, Munich University of Applied Sciences, Germany
- 11.00 Ramp-up Planning Considering the Challenge of Complexity  
Dr. Gregor Tücks, Schuh & Co. GmbH, Germany
- 11.30 Ramp-up Management in UK Manufacturing Industry: a Practitioner Perspective  
Dr. Patrick McLaughlin, Cranfield University, United Kingdom
- 12.00 Discussion
- 12.30 Lunch Break
- Discussion on Future Ramp-up Management**
- |       |  |  |
|-------|--|--|
| 14.00 | <b>Parallel sessions</b>   |  |
|       | <b>Modelling Ramp-up</b><br>Chairman: Prof. Robert Schmitt, WZL, RWTH Aachen University, Germany           | <b>Controlling and Heuristics</b><br>Chairman: Prof. Harald Dyckhoff, Department Economic Science, RWTH Aachen University, Germany |
|       | <b>Solution Space and Tolerance</b><br>Chairman: Prof. Günther Schuh, WZL, RWTH Aachen University, Germany | <b>Selfoptimization and Learning</b><br>Chairman: Prof. Sabina Jeschke, IMA / ZLW, RWTH Aachen University, Germany                 |
| 16.00 | Coffee Break   |  |

- 16.30 Presentation of Expert Discussion
- 17.30 Conclusion  
Prof. Robert Schmitt, WZL, RWTH Aachen University, Germany
- 17.45 End of Conference

## Referenten:

Prof. George Chryssolouris, University of Patras, Greece

Prof. Harald Dyckhoff, RWTH Aachen University, Germany

Prof. Jörg Elsenbach, Dräxlmeier Group, Germany

Prof. Tobias Held, Hamburg University of Applied Sciences, Germany

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Dr. Georg Tücks, Schuh & Co. GmbH, Germany

Prof. József Vancza, Hungarian Academy of Sciences, Hungary

# 1st ICRM International Conference on Ramp-up Management

## November 17-18, 2011

I hereby register for the conference »1st ICRM International Conference on Ramp-up Management« at a charge of € 895,-.

Name\*

First name\*

Title

Company\*

Department

Street / P.O.Box\*

Zip code / City\*

Country\*

hone\*

Fax

e-mail\*

Unterschrift / Signature

Datum / Date

\*Input requested

I hereby agree that my name and business address will be registered. Exclusively for the purpose of organising the seminar my name and address will be electronically processed and saved.

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just by E-Mail