

Invitation & Preliminary Program

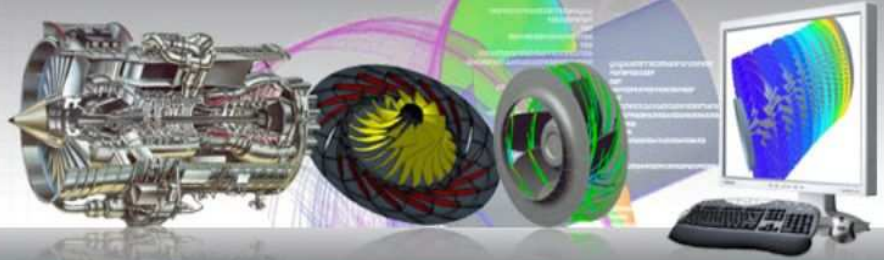
NUMECA

German User Conference 2008 on Advanced CFD Applications & Methods in Turbomachinery

10 – 11 November 2008
Nürnberg, Germany

www.numeca.de

Guest Speaker:
Prof. Bill Dawes



Invitation:

NUMECA Ingenieurbüro has the pleasure to invite you to the:

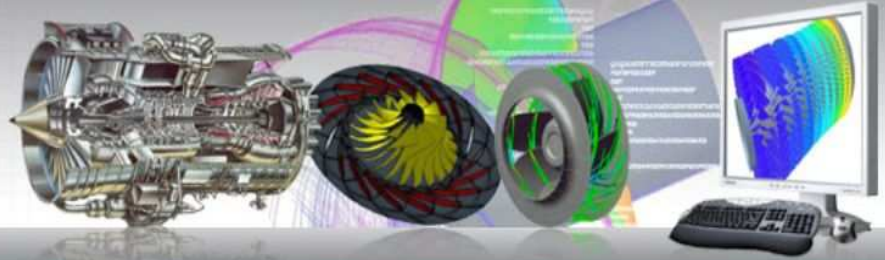
«NUMECA German User Conference 2008 on Advanced CFD Methods & Applications in Turbomachinery»

The User Conference will be held at
« Hotel Zum Alten Schloss »
Kirchensittenbach, close to Nürnberg, Germany
10 – 11 November 2008

We would be pleased, if you will join us for two days of:

- User presentations,
- Product seminars,
- Technical discussions and
- Keynote sessions given by invited speakers.

This event will bring together designers, scientists and engineers working in the field of turbomachinery design, analysis and optimisation using the latest CFD techniques.



Topics:

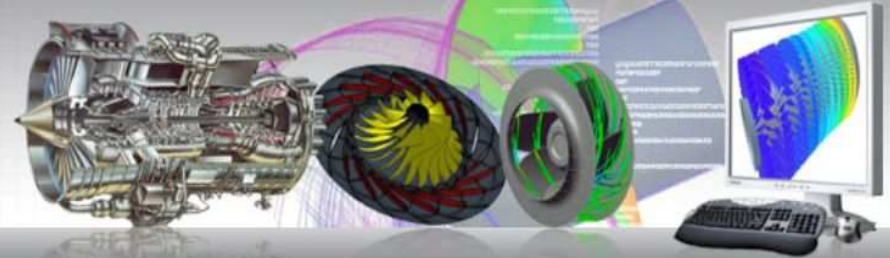
- ✓ Users are invited to exchange their experiences and express their views and recommendations for further developments.
- ✓ The heads of NUMECA development teams will be present in order to discuss your requests, present the latest developments and gather your feed back.
- ✓ Top level invited speakers will present their vision of the mid- and long term development of CFD and multi-disciplinary simulation.

Papers & Presentations:

NUMECA Ingenieurbüro would like to invite you to give a presentation covering the use of NUMECA software at your company and to share your experience with other users.

Your paper or presentation should be submitted as a PowerPoint document to NUMECA Ingenieurbüro. A PowerPoint template format will be sent to you in advance.

The presentation time will be 25 minutes, including 5 minutes for questions.

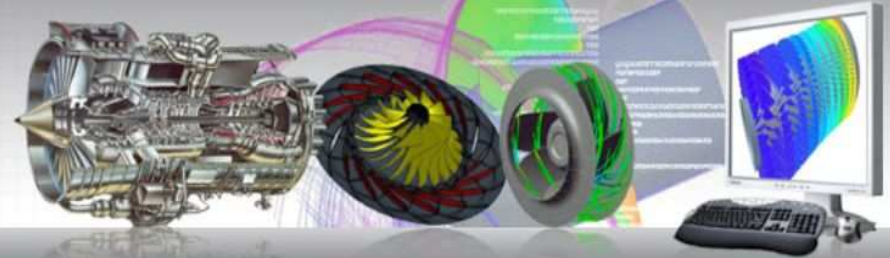


Preliminary Program:

Monday, 10. November 2008

Day 1				Monday, 10.11.2008		
	Time			Title	Organisations	Authors
	Start	End	Dur.			
	08:30	09:00	00:30	Registration	NUMECA Ingenieurbüro	
Opening	09:00	09:15	00:15	Opening Address	NUMECA Ingenieurbüro	Dr. Thomas Hildebrandt
	09:15	09:45	00:30	NUMECA's Approach to the Future Demands of Industrial CFD	NUMECA International S.A.	Prof. Charles Hirsch
Invited Speaker	09:45	10:15	00:30	Novel Approaches towards Rapid Prototyping & Meshing of Complex Geometries	Cambridge Flow Simulations	Prof. Bill Dawes
	10:15	10:45	00:30	Coffee and Refreshment Break		
User Presentation	10:45	11:10	00:25	Application of FINE™/Turbo and FINE™/Hexa to Turbine Problems with Increasing Complexity of Geometry Modelling	Rolls Royce Deutschland	Dr. Erik Janke
	11:10	11:35	00:25	Elimination of Hub Corner Stall of a Compressor Stator by Using Numerically Optimised Non-Axisymmetric Endwalls	Technical University of Darmstadt	Steffen Reising
	11:35	12:00	00:25	Titel to be announced	MAN Diesel SE	
	12:00	12:25	00:25	n.a.	n.a.	n.a.
	12:25	14:00	01:35	Lunch		
Product Session	14:00	14:30	00:30	NUMECA's Long Term Technical Strategy	NUMECA International S.A.	Michel Pottiez, Frederic Wilquem
User Presentation	14:30	14:55	00:25	Challenging Applications with FINE/Turbo and FINE/Design 3D	NUMECA Ingenieurbüro	Peter Thiel, Leo Gresser, Andre Starke
	14:55	15:20	00:25	Combined Structured-Unstructured Investigation of a High Fidelity Transonic Compressor Stage including the Air System and Vortex Generators	Rolls Royce Deutschland	Dr. Akin Keskin
	15:20	15:45	00:25	n.a.	n.a.	n.a.
	15:45	16:15	00:30	Coffee and Refreshment Break		
Product Session	16:15	16:45	00:30	AutoGrid & IGG: Presentation & Demo of New Features	NUMECA International S.A.	Michel Pottiez, Frederic Wilquem
User Presentation	16:45	17:10	00:25	Transition and Intermittency Comparisons for a Transonic Turbine Blade	CSIR, South Africa	Dwain Dunn
	17:10	17:35	00:25	Comparison of a 360° Full Annulus Simulation to the Non Linear Harmonic Method	Technical University of Munich	Michael Hembera
	17:35	18:00	00:25	n.a.	n.a.	n.a.
	19:00	20:00	01:00	Cocktail Reception		

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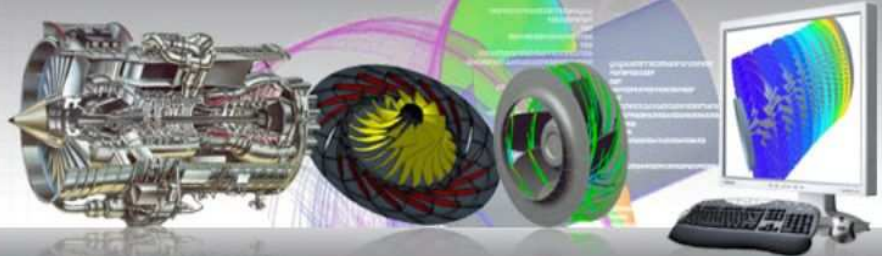


Preliminary Program:

Tuesday, 11. November 2008

Day 2				Tuesday 11.11.2008		
	Time			Title	Organizations	Authors
	Start	End	Dur.			
Opening	09:00	09:20	00:20	NUMECA: Commercial Overview	NUMECA International S.A.	Marc Tombroff
Product Session	09:20	09:50	00:30	FINE/Turbo & CFView: Presentation & Demo of New Features	NUMECA International S.A.	Michel Pottiez, Frederic Wilquem
User Presentation	09:50	10:15	00:25	Optimisation of a Radial Diffuser for Turbocharger Applications Using FINE/Design 3D	ABB Turbo Systems	Dr. Matthias Schleer
	10:15	10:40	00:25	About Casing Gaps in Axial Compressors	MAN Turbo Schweiz	Michael Meyer
	10:40	11:10	00:30	Coffee and Refreshment Break		
Product Session	11:10	11:50	00:40	FINE/Hexa & Hexpress: Presentation & Demo of New Features	NUMECA International S.A.	Michel Pottiez, Frederic Wilquem
User Presentation	11:50	12:15	00:25	Comparison of Multi-Block Structured and Hexaeder Unstructured Flow Solutions on a Highly Detailed Film Cooled High Pressure Turbine	Technical University of Darmstadt	Christoph Starke
	12:15	12:40	00:25	Time Resolved Flow in a Low-Mach-Number Axial Turbine	Technical University of Munich	Florian Danner
	12:40	13:05	00:25	Titel to be announced	MAN Turbo Schweiz	Lucca Porecca
	13:05	14:20	01:15	Lunch		
Product Session	14:20	14:45	00:25	Quality Control & Release Management at NUMECA	NUMECA International S.A.	Frederic Wilquem
User Presentation	14:45	15:10	00:25	Numerical Investigations on Hydraulic Components of Francis Turbines	WKV AG	Jörg Ettrich
	15:10	15:35	00:25	Titel to be announced	University of Stellenbosch	Andrew de Wet
	15:35	16:00	00:25	n.a.	n.a.	n.a.
Wrap-up Session	16:00	16:30	00:30	Synthesis of the Meeting, Perspective and Conclusion, Open Discussion		
	16:30			Closing Cocktail		

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Deadlines:

Conference program available:	08 September 2008
Registration dead line:	30 October 2008
Paper submission:	30 October 2008

Location & Accomodation:

The « Hotel Zum Alten Schloss » is beautifully located in the countryside close to Nürnberg. It can be easily reached by car. A shuttle transport from Nürnberg airport can be arranged upon request.

Rooms are available in the conference hotel at a rate of 61,-€ per night for a single room.



« Hotel Zum Alten Schloss »

www.zum-alten-schloss.de

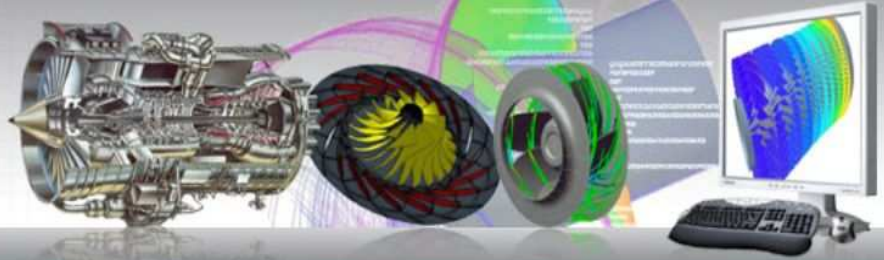
reservierung@zum-alten-schloss.de

Kleedorf 5, D -91241 Kirchensittenbach
Germany

Tel.: +49 (0)9151 / 860-0

Fax.: +49 (0)9151 / 860-146

For reservation, please refer to the NUMECA user meeting.



Registration Fee

Industrial participant:	EUR 350
Academic participant:	EUR 200

Payments

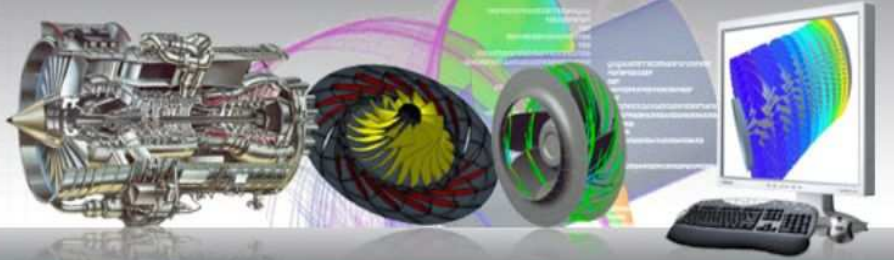
Payable to the account of NUMECA Ingenieurbüro:
Sparkasse Mittelfranken Süd

BLZ: 764 500 00

Konto: 750 211 617

IBAN: DE60 7645 0000 0750 2116 17

BIC: BYLA DE M1SRS



Registration:

NUMECA German User Conference 2008 on
Advanced CFD Applications & Methods in Turbomachinery
« Hotel Zum Alten Schloss », Kleedorf 5, D-91241 Kirchensittenbach, Germany

Please fax this form to +49 (0)9187 410319 or Email to
info@numeca.de.

Name: _____

Title: _____

Company: _____

Address: _____

Country: _____

Email: _____

Tel.: _____

Fax: _____

will attend the NUMECA user conference.

Presentation: Yes No Title:

OK Not OK for NUMECA Ingenieurbüro to
use the presentation for further marketing purposes.

Signature/Date: _____