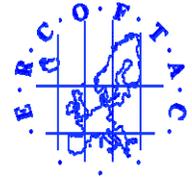
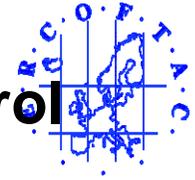


Nordic Pilot Centre (NPC)



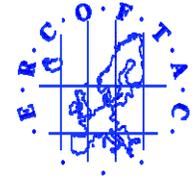
- **NPC Coordinator: KTH Mechanics**
 - Stefan Wallin, KTH/FOI
- **NPC representatives in ERCOFTAC Managing Board (MB)**
 - Industrial: Stefan Wallin, FOI
 - Research: Helge Andersson, NTU
- **National representatives in NPC**
 - Helge Andersson, NTU
 - Knud Erik Meyer, DTU
 - Antti Hellsten, TKK
 - Stefan Wallin, KTH/FOI
- **NPC Web page (<http://www.mech.kth.se/ercoftac>)**
- **30 members (12 industry and 18 research)**

SIG33: Transition Mechanisms, Prediction and Control



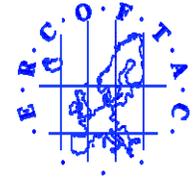
- **Coordinated by Ardeshir Hanifi, KTH/FOI**
- **Latest workshops:**
 - **Stockholm, Sweden, May 31-June 2, 2006.**
 - **Kleinwalsertal, Austria, June 17-20, 2007.**
- **Next workshop:**
 - 7th ERCOFTAC SIG 33 - FLUBIO Workshop**
 - Open Issues in Transition and Flow Control**
 - Genova, Italy**
 - October 16-18, 2008**

SIG15: Turbulence Modelling

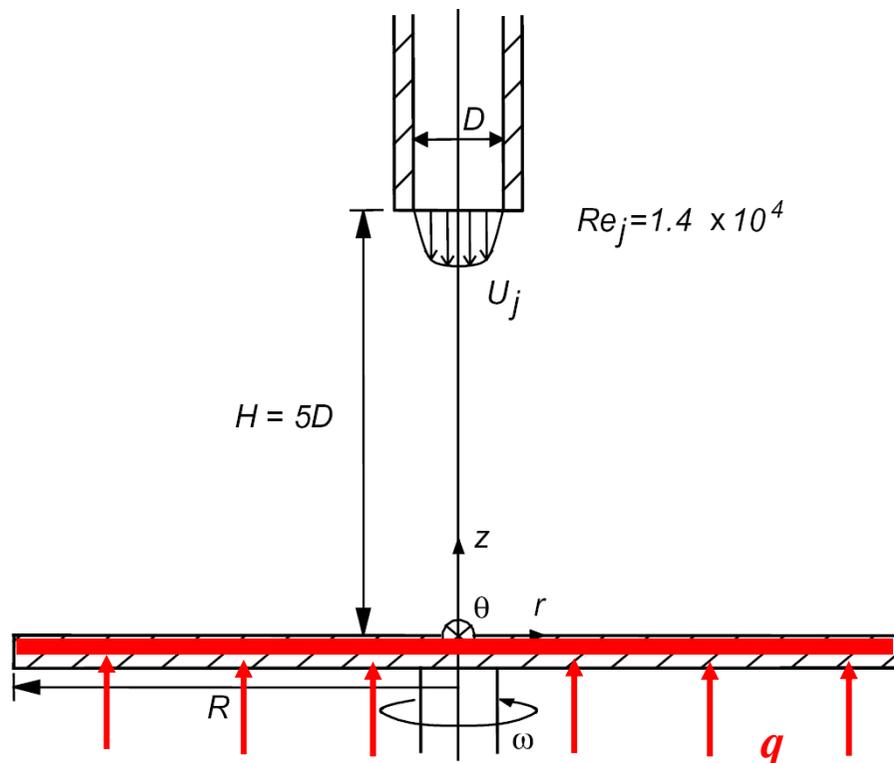


- **Coordinated by Suad Jakirlic, TU Darmstadt**
- **Latest workshops:**
 - **Gothenburg, 2005**
 - **Berlin, October 12-13, 2006**
- **Ongoing work on establishment of a SIG15-forum**
- **Next workshop:**
 - **Graz University of Technology, Austria, Sept. 25-26, 2008**
 - **Two test cases**
 - **Session on hybrid LES/RANS**
 - **Invited speakers (Menter, Leschziner, Girimaji/Basara, Chaouat, Mockett)**
 - **short "flash presentations".**

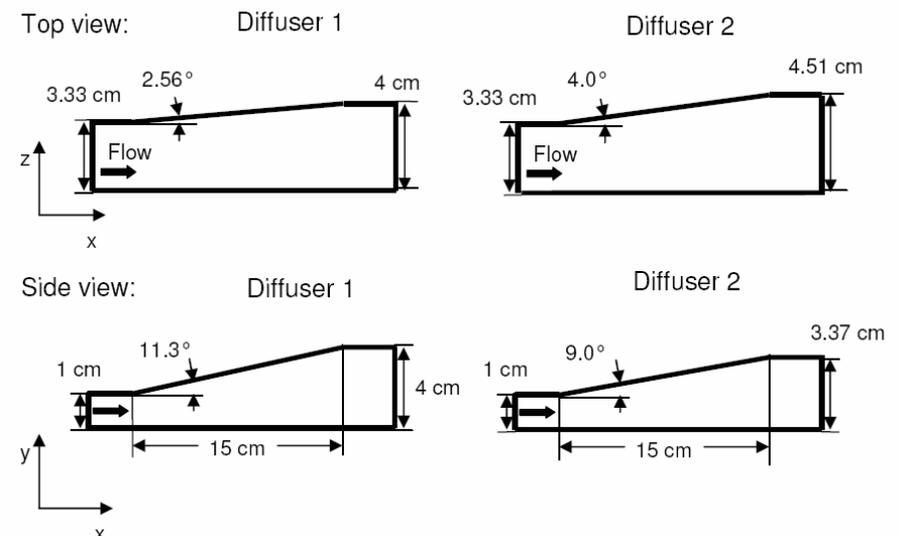
Next Workshop in Graz: Test cases



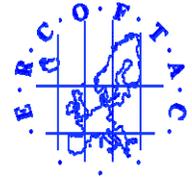
Case 13.1: Round jet impinging perpendicularly onto a rotating, heated disc (Minagawa & Obi, 2004; Popiel & Boguslawski, 1986);



Case 13.2: Flow in a 3-D diffuser (Cherry, Elkins and Eaton, 2007, 2008)



Da Vinci Competition

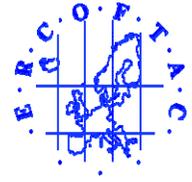


- "best young scientist" in Flow, Turbulence & Combustion
- PhD student or PhD 2007-2008, 3 candidates / PC
- 5 candidates will present in Brussels (21st October 2008)
- The "winner" gets a medal, certificate and 1000 €

Applied to NPC

- Send out invitation to all NPC members
- 1st July: Application to NPC
- 15th July: Abstracts to Ercoftac

NPC meetings



To discuss and/or think about:

- **Special session on a specific industrial topic**
- **NPC meetings in May or September**
- **Ideas for renewal of the NPC meetings**

Write notes about your thoughts and leave up front