



IUTAM Symposium on Bluff Body Wakes and Vortex-Induced Vibrations



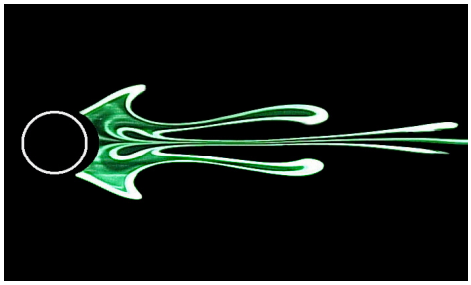


BBVIV2

13-16 June 2000
Marseille, France

Bearman Leweke Williamson

http://ugolin.univ-mrs.fr/~bbviv2/



IUTAM Symposium on Bluff Body Wakes and Vortex-Induced Vibrations

- BBVIV2 -

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Second Announcement and Call for Abstracts

Program

The IUTAM Symposium on Bluff Body Wakes and Vortex-Induced Vibrations (BBVIV2) is intended to follow the spirit set in the 1992 IUTAM Symposium on Bluff-Body Wakes, Dynamics and Instabilities, held in Göttingen, Germany, and more recently in the Conference on Bluff Body Wakes and Vortex-Induced Vibrations (BBVIV1), which was part of the 1998 ASME-FED Summer Meeting in Washington, DC. BBVIV2 will focus on aspects of the dynamics of vortex structures found in the wakes of fixed and oscillating bluff bodies, including vortices resulting from shear layer convective instability and near-wake absolute instability. Experimental, computational and analytical studies will be invited on topics such as the following (not exhaustive):

- Active and passive control of wakes
- Aspects of vortex-induced vibration of bluff bodies
- Dynamics and wake structure for both 2D and 3D body geometries
- The 3D structure of wakes from nominally 2D bluff bodies
- Mode changes in the wakes of circular cylinders
- Bodies in unsteady/oscillatory flows
- The relation between wake structure and the force experienced by a bluff body

The Symposium will take place on four days, starting on Tuesday, 13 June 2000, at 2 pm and ending on Friday, 16 June 2000, around 4 pm (there will be no sessions on Thursday afternoon). It will consist of single plenary sessions with invited lectures (40 minutes), oral presentations (20 minutes), and discussions on special topics, and posters (without oral presentation). All contributions are selected by the Scientific Committee (see details below under "Participation").

Invited Plenary Lectures:

- H. Eckelmann (Georg-August-Universität Göttingen, Germany)
- K. Hourigan (Monash University, Australia)
- M. Kiya (Hokkaido University, Japan)
- A. Leonard (California Institute of Technology, USA)
- P. A. Monkewitz (EPF Lausanne, Switzerland)
- A. E. Perry (University of Melbourne, Australia)
- D. O. Rockwell (Lehigh University, USA)
- A. Roshko (California Institute of Technology, USA)
- T. Sarpkaya (Naval Postgraduate School Monterey, USA)

Calendar

- 1 February 2000: Abstracts deadline
- 15 March 2000: Notification of acceptance to authors
- 15 May 2000: Registration deadline
- 13-16 June 2000: Symposium dates
- 15 August 2000: Due date for final manuscripts of selected papers

Participation

The selection of presentations at the conference will be made by the BBVIV2 Scientific Committee on the basis of abstracts received by the strict deadline of 1 February 2000. A proceedings volume of extended abstracts will be available at the Symposium. A number of selected conference presentations will be chosen for further submission to a special issue of the *Journal of Fluids and Structures*, to appear after the Symposium.

Abstract Submission

Extended abstracts and a cover letter should be submitted to the BBVIV2 Organising Committee, at the address given below, by 1 February 2000. They are to be 2 pages in length, inclusive of figures and references, and should have 2.5 cm (one inch) margins around the text. They should comprise the title, authors, affiliation, and full address (including e-mail) of the corresponding author. Other than these requirements, the abstracts are "free format". Submission by e-mail to iutam-bbviv2@marius.univ-mrs.fr is strongly preferred (no paper copy is needed in this case), indicating the name and version of the software used to produce the abstract. All submissions will be acknowledged

Registration

Registration deadlines for participation and accommodation will be about one month before the start of the Symposium. The registration fee will be 1000 FF (152 Euro), and this will include a magnificent banquet on the Thursday evening at "Les Trois Forts" at Le Pharo overlooking the Old Port of Marseille.

Location & Accommodation

The Symposium will be held in the Hotel "Vacanciel La Calanque" at Carry-le-Rouet, a small village of the "Côte Bleue" approximately 25 km west of Marseille on the Mediterranean Sea. It is easily accessible from the main railway station Saint-Charles in downtown Marseille, or by taxi from Marseille-Provence international airport.
Full board and lodging will be available to all participants at the Symposium site at a cost of around 1500 FF (228 Euro) per person for four days (Monday evening - Friday afternoon). We highly recommend staying at this holiday resort, because of its pleasant location and for convenience. It is not planned to organise daily shuttle buses between the Symposium site and other hotels or downtown Marseille. Reservations will be handled by the Organising Committee at the time of registration. **Please do not contact the Hotel Vacanciel directly.** Enough rooms have been retained to accommodate everyone. More details on registration, accommodation, and transport will be posted in March.

Financial Support

Limited funds will be available for partial financial support for students, young scientists and/or scientists from Eastern European, Latin American and Northern African countries when insufficient financial support is available from their institutions. Requests for financial support should be sent to the Organising Committee at the time of registration.

Organisation

Scientific Committee:

- P. W. Bearman, *Co-Chairman* (Imperial College, UK)
- T. Leweke, *Co-Chairman* (IRPHE / CNRS, France)
- C. H. K.Williamson, *Co-Chairman* (Cornell University, USA)

- M. Gharib (California Institute of Technology, USA)
- K. Hourigan (Monash University, Australia)
- G. E. Karniadakis (Brown University, USA)
- M. Kiya (Hokkaido University, Japan)
- P. A. Monkewitz (EPF Lausanne, Switzerland)
- C. Norberg (Lund Institute of Technology, Sweden)
- M. P. Païdoussis (McGill University, Canada)
- D. O. Rockwell (Lehigh University, USA)
- M. S. Triantafyllou (Massachusetts Institute of Technology, USA)
- T. Tatsumi (International Institute for Advanced Studies, Japan)

Local Organizing Committee:

- T. Leweke, *Chairman* (IRPHE/CNRS, France)
- S. Le Dizès (IRPHE/CNRS, France)
- P. Le Gal (IRPHE/CNRS, France)
- M. Provansal (IRPHE/CNRS, France)

The Symposium is organised by the *Institut de Recherche sur les Phénomènes Hors Equilibre* (IRPHE), affiliated with the French *Centre National de la Recherche Scientifique* (CNRS), the *Université de Provence* (Aix-Marseille I), and the *Université de la Méditerranée* (Aix-Marseille II).

Enquiries

Updated information is available on the Symposium web site at http://ugolin.univ-mrs.fr/~bbviv2/.

Enquiries can be directed to the Organising Committee at the following address:

BBVIV2 Organising Committee
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or to any of the Co-Chairmen:

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