



IFED

International Forum on Engineering Decision Making

Second Forum
April 26-29, 2006
Lake Louise, Canada

Final Update March 15, 2006
New sections are highlighted in BROWN

Decision Making Involving Spatially Distributed Systems

<http://www.ifed.ethz.ch/>

Theme of the second IFED forum

The main theme is "decision making involving spatially distributed systems". On the basis of the abstracts received, presentations are being grouped into the following **themed sessions**:

Spatial problem formulations in engineering decision making
Structuring and analysing complex systems
Optimisation involving spatially distributed systems
Spatial aspects of hazard modelling (earthquakes, floods, hurricanes, ...)
Probabilistic modelling of spatially varying properties of solids, soils, ...
Spatial modeling of the deterioration of structures
Models for assets integrity management
Other topics in decision making and risk analysis

The specific objectives identified by the IFED advisory council are:

- To outline current challenges related to spatially distributed systems.
- To discuss and to present possible solutions and applications.
- To develop directions for future research in the field.

Discussion, collegiality, and interactive dialogue are the key ingredients of a successful IFED forum. At the end of the forum a joint conclusion is formulated by all participants.

Technical Papers and Author Instructions

Technical papers have been selected by the Technical Committee, based on abstracts submitted during November and December, 2005. On February 1, 2006 authors were informed about the status of their submission.

Each presenter is expected to bring about 30 copies of his/her full final paper to the IFED forum for distribution among the participants.

Those authors wishing to have their papers included in the proceedings must deliver an electronic version of their paper (by mail to ifed2006@ucalgary.ca or alternatively on a CD to one of the Forum organizers). Deadline is the last day of the Forum. In addition, certain papers selected by the IFED advisory council will subsequently be submitted to a special issue of an international journal on the topics of the forum.

Please prepare your paper based on the simple IFED Word template e-mailed to all participants and also available on our IFED website. Maximum page length is 10 pages.

Format and Fees for the second IFED forum

Programme highlights. The 2nd IFED forum starts with a reception in Lake Louise on Wednesday evening April 26, 2006. The forum concludes with the IFED banquet on Saturday night April 29, 2006. Thursday, Friday, and Saturday morning are devoted to presentations and discussions, and conclusions. On Saturday after lunch, IFED organizes an alpine group activity and excursion, which are followed by the IFED banquet.

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| Early IFED 2006 registration fee before April 3, 2006: | CAD 595.00 |
| Late IFED 2006 registration fee after April 3, 2006: | CAD 675.00 |
| IFED 2006 accompanying person's fee (non-technical): | CAD 387.50 |

The **registration fee for the Forum participants** includes proceedings, welcome gift, all three lunches, all nutri-breaks, the Wednesday night reception, the Thursday night dinner, the excursion, and Saturday night's IFED banquet.

The **registration fee for accompanying persons** includes the reception, all lunches, Thursday's dinner, the excursion, and the Saturday IFED banquet. Activities for accompanying persons such as shopping, skiing, visits to various sights of interest are scheduled for Thursday and Friday afternoon. Please get in touch with the organizers on Wednesday evening if you wish to participate in these activities.

Registration and payment of the registration fee is done by completing the Word registration form e-mailed to all participants and also available on our IFED website. Please return this form by e-mail (in either Word or pdf format) to ifed2006@ucalgary.ca before April 3, 2006. The form allows for credit card payment (which will appear on your credit card as a charge to Conference Concepts of Calgary) before April 3, 2006.

The final programme of the Forum will be made available approximately two weeks before the start of the Forum.

Accommodation and Travel

The forum is held in the renowned **Post Hotel** in Lake Louise which is considered to be one of the finest mountain resorts in the world. This haven of exceptional calm and comfort lies within Banff National Park just minutes away from the continental divide and the Alberta-British Columbia border (also the border between Banff and Yoho National Park)

Reservations can be made starting February 7, 2005 by phone, fax, or e-mail as detailed in the hotel's website "reservations" page:

<http://posthotel.com/>

When contacting the Post Hotel you must make sure to ask for **the special IFED rates**: this is an additional 20% off the lowest "low season" rates for the various types of room. For instance, the best-value "A type" room comes at CAD 156.00 (a 20% discount from CAD 195.00, single or double occupancy, excluding taxes). Only about 25 rooms have been set aside at this special rate so there is limited availability -- book soon, as April is still a busy ski season in the Rockies.

Alternative budget accommodation is also available at the Lake Louise Inn which is a 5-10 minute walk to the Post Hotel's IFED venue, at rates ranging between CAD109-250 (<http://www.lakelouiseinn.com>).

The Post Hotel is easily accessible from Calgary and has direct airport service to and from Calgary International Airport (see for example: <http://www.airportshuttleexpress.com/LakeLouise.htm>) Note that the final bus stop is "Lake Louise Junction (Samson Mall)". There is also frequent daytime service between downtown Calgary and Lake Louise. This option can be coordinated on Wednesday April 26, for those participants attending the pre-conference ISO and/or JCSS meetings in Calgary. Another cost-effective and safe option is renting a car at Calgary airport.

Skiing and other alpine pursuits before and after the forum can easily be coordinated for those individuals wishing to extend their stay – the Lake Louise winter recreation area remains open till the end of May. The discount Post Hotel rate can be extended forwards as well as backwards.

Please remember to bring water- or snow-resistant boots, warm clothes, sunscreen, and swimwear.

Air Canada is currently offering discounts on their direct international routes to Calgary in April (Frankfurt, London, Tokyo, most US cities).

Pre-IFED Meetings

Several participants are also attending the following two official meetings in Calgary prior to IFED. Both of these meetings are "open" to observers and their respective chairs would welcome input by interested IFED participants:

Monday April 24, 2006, 10:00am: ISO TC98 SC2 WG11 "Risk Analysis"
Second meeting; Chair: Professor Takada, Tokyo University.
Tuesday April 25, 2006, 09:00am: the Joint Committee of Structural Safety
Bi-annual meeting; Chair: Professor Faber, ETHZ.

Both meetings are held in Room F231, Civil Engineering Department, University of Calgary, Calgary, Canada. Contact mamaes@ucalgary.ca for more detailed information about these meetings.

IFED

IFED is an international organization with the mission to stimulate new initiatives in engineering decision making and risk analysis for engineering systems. It meets these objectives by organizing on a regular basis open international forums that focus on specific themes, providing a widely accessible publication of the contributions and of the conclusions of the forums.

The first forum took place on December 5-9, 2004 in Stoos, Switzerland on the theme Consequence Modelling in Engineering Decision Making. The forum attracted over 40 participants. A special issue of the International Journal of Risk Assessment and Management contains invited papers from the forum.

Detailed information can be found on the IFED website www.ifed.ethz.ch.

IFED consortium

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Mark Stewart, University of Newcastle, Australia (current co-vice-chair)
Stuart Reid, University of Sydney, Australia (current co-vice-chair)
Jun Kanda, University of Tokyo, Japan
Michael Faber, ETH Zürich, Switzerland

IFED advisory council

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