中 国 岩 石 力 学 与 工 程 学 会
地 面 岩 石 工 程 专 业 委 员 会

第十届非连续变形分析国际会议

1 号征文通知

10th International Conference on Analysis of Discontinuous Deformation（ICADD-10）将于 2011 年 12 月 6-8 日在美国夏威夷Waikiki召开。受大会组委会委托，中国岩石力学与工程学会地面岩石工程专业委员会将具体负责中国大陆地区代表团的组织与联络工作。目前大会已经开始接受摘要提交，请参会代表于 2011 年 1 月 15 日前通过大会网站：http://www.icadd10.org在线提交论文摘要。

另外，由于美国签证申办不易，为保证参会代表顺利成行和降低旅行费用，我们拟组团参会。地面专委会将提供大会注册报名、大会邀请信、会议有关问题联系、会议期间食宿安排以及组织会后考察的服务（具体行程另行通知）。按照外事要求，赴美签证由各位代表持邀请信在有关部门办理。对中国岩石力学与工程学会会员免费服务，非会员加收手续费 200 元。请参团赴会代表尽快报名，并请自行安排行程的代表也尽早告知我们，以便及时掌握中国大陆地区的参会人数，利于大会筹备工作。

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中国岩石力学与工程学会地面岩石工程专业委员会
2010 年 12 月 06 日

会议回执（可复印）

姓　　名：＿＿＿＿＿　性别：＿＿＿＿＿　职务：＿＿＿＿＿　职称：＿＿＿＿＿

工作单位：＿＿＿＿＿＿＿＿＿＿　通讯地址：＿＿＿＿＿＿＿＿＿＿

邮政编码：＿＿＿＿＿＿　移动电话：＿＿＿＿＿＿＿＿＿＿

传　　真：＿＿＿＿＿＿　电子邮件：＿＿＿＿＿＿＿＿＿＿

提交论文题目：＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

参加会议选项，请在相应空格中打"√"：

出席会议并作报告 □　　　　仅出席会议 □　　　　参加工程考察 □

Invitation

The Discontinuous Deformation Analysis (DDA) method has been making progress as a powerful numerical method in rock mechanics and engineering for the last two decades, particularly in dealing with and understanding the behaviour of discontinuous rock masses at engineering scale.

Since the first conference in 1995, ICADD has had 9 meetings (*) and the last one ICADD-9 in Singapore received overwhelming response. The ICADD series will have its 10th meeting (ICADD-10) in 2011. As the previous meetings, ICADD-10 aims to exchange ideas and new developments in various discontinuous analysis methods, and to promote the application of the developed numerical methods in rock engineering. In addition, immersed with new modelling methods and techniques, ICADD-10 will also be a milestone event to look back on the past progress and look forward to the future development of discontinuous deformation analysis and other discontinuous methods.

We would like to invited colleagues in the numerical modelling and rock mechanics community to join this event to celebrate and to anticipate the progress of discontinuous numerical methods.

(*) ICADD-1 1995 Chungli Taiwan, ICADD-2 1997 Kyoto Japan, ICADD-3 1999 Vail Colorado USA, ICADD-4 2001 Glasgow UK, ICADD-5 2002 Wuhan China, ICADD-6 2003 Trondheim Norway, ICADD-7 2005 Honolulu Hawaii, ICADD-8 2007 Beijing China, ICADD-9 2009 Singapore.

Hawaii – Conference Venue

ICADD-10 will take place in Honolulu Hawaii, at the Hotel Sheraton Waikiki, situated on the best stretch of the legendary Waikiki beach. Information on travel and tourism of Hawaii is available at http://www.hawaiitourismauthority.org/.

10th International Conference on Analysis of Discontinuous Deformation (ICADD-10)

"Back to the Future"

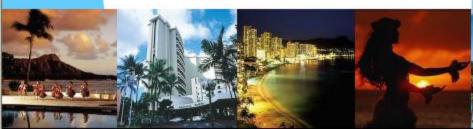Waikiki, Hawaii
6–8 December 2011

Organised by

Supported by

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Abstract Submission

Prospective authors are invited to submit abstracts on various aspects within the conference schemes. Abstracts should be about 300-500 words long, with a title, authors' names and affiliations, and email addresses, and be submitted at the conference website www.icadd10.org before 15 January 2011.

Conference Themes

The theme of ICADD-10 is to summarise the progress of discontinuous numerical methods in the past decades and to advance toward the future development and application of discontinuous methods in geomechanics and geoengineering. The technical presentation will cover a wide scope of discontinuous numerical methods from algorithms and mechanics, to modelling techniques and application, including, but not limited to the following topics:

• Key Block Theory and Engineering Applications
• Discontinuous Deformation Analysis (DDA) Method
• Numerical Manifold Method (NMM)
• Distinct/Discrete Element Method (DEM)
• Applications of UDEC, 3DEC and PFC codes
• Meshless Method and Engineering Applications
• Contact Algorithms and Joint Contact Modelling
• Interfacing of Discontinuum and Continuum Methods
• Wave Propagation in Rock Joints and Jointed Rock Masses
• Deformation Analysis of Heterogeneous Materials
• Multi-Scale and Multi-Physics in Discontinuous Modelling
• Other Advanced Analytical and Numerical Methods in Rock Engineering
• Experiment and Measurement of Discontinuous Deformation
• Case Studies of Engineering Projects

Keynote Speakers

Keynote presentations will be given by a number of distinguished speakers to highlight some of the latest development in numerical methods and applications to engineering projects, including a summary report by Dr Gen-hua Shi on the progresses and prospects of DDA and manifold method. The list of keynote presentations will be announced later.

Discussion on Future Development

A plenary discussion session will be organised to discuss the future development of discontinuous numerical methods, including new mathematical and analytical techniques, micromechanics manifold method, multi-physics modelling, coupling of different numerical methods, large scale engineering modelling, estimating model parameters from engineering properties, application of modelling results in engineering practice, and promotion of discontinuous numerical methods in geomechanics research and geotechnical engineering.

	Mon, 5 Dec 2011	Tue, 6 Dec 2011	Wed, 7 Dec 2011	Thu, 8 Dec 2011
Morning		Registration Opening Keynotes	Keynotes	Discussion Closing
Afternoon	Registration	Presentations	Presentations	Site visits
Evening	Reception		Banquet	