

## **Knowledge Diffusion Network ( July 2005 Newsletter)**

*Network of Iranian Academics Abroad*

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### **1. Message from the KnowDiff Team**

Salam,

Here is the first issue of our newsletter which will appear in your email-box every month. We will try to inform you of the lectures organized by KnowDiff and our collaborators in Iran, the news related to Iran's scientific community and the upcoming important scientific conferences in Iran. Please don't hesitate to email us your comments and suggestions. If you are planning to go to Iran, you might also consider giving a talk there as well ([Read more here](#)).

KnowDiff team

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### **2. Visiting Lecturer Program**

( Lectures organized by KnowDiff in Iran in July)

**(32) Speaker: [Masoud Talebian](#)**

Ph.D. Candidate

Department of Industrial Engineering and Operations Research, Columbia University, New York, USA

Local organizer: **Mr. Hamid Akbari**

Title: **Revenue Management: Callable and Flexible Tickets**

Time: Wednesday, July 27, 2005

Location: School of Management and Economics, Sharif University of Technology, Tehran

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**(31) Speaker: Keyvan Jabbari**

Ph.D. Candidate

Medical Physics Unit, McGill University, Montreal, Canada

Local host: **Dr. Mohammad Oghabian**

Title: **Automatic extraction of patient set up features using portal images** ( [abstract](#) )

Time: Tuesday, July 26, 2005

Location: Imam Hospital, Medical Physics Section, Tehran

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**(30) Speaker: Maryam Fesharaki**

M.D., M.Sc. Candidate

Department of Physiology, University of Toronto

Local host: **Mir Shahram Safari**

Title: **Mechanisms of 3-D ocular coordination in health and disease** ( [abstract](#) )

Time: Tuesday, July 19, 2005

Location: Faculty of Medicine, Tarbiat Modares University, Tehran

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**(29) Speaker: [Amir H. Nejadmalayeri](#)**

Ph.D. Candidate

Photonics Group, Department of Electrical and Computer Engineering,  
University of Toronto

Local host: **Prof. Bijan Rashidian**

**Title: Inscription of optical waveguides in crystalline silicon by mid-infrared femtosecond laser pulses ([abstract](#) )**

Time: Saturday, July 16, 2005, 10:00am

Location: Department of Electrical Engineering, Sharif University of  
Technology, Tehran

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**(28) Speaker: [Prof. Hamid Ekbia](#)**

Assistant Professor of Computer Science  
University of Redlands, Redlands, CA

Local host: **Prof. Reza Lotfi**

**Title: Artificial Intelligence, Hype versus Hope ([abstract](#))**

Time: Saturday, Jul 16, 2005

Location: Faculty of Engineering, Ferdowsi University of Mashad, Mashad

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**(27) Speaker: Mahmood Seid-Karbasi**

M.Sc. Candidate

Department of Civil Engineering, University of British Coloumbia

Local Organizer: **Armin Noorbakhsh**

**Title: Liquefaction and Numerical Analysis of Ground Failure ([Abstract](#))**

Time: Monday, Jul 4, 2005

Location: [Department of Civil Engineering](#), Sharif University of Technology, Tehran, Iran

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### 3. News

(News related to Iran's scientific community)

- [NASA requests amendment to Iran Nonproliferation Act](#)
  - [Politics Shapes Life for Iranian Physicist](#)
  - [1st place for the Sharif Impossible team and Amirkabir Arya team in the RoboCupRescue simulation league competition](#)
  - [International Physics Olympiad to be held in Iran in summer 2007](#)
  - [Amir Nejadmalayeri and his colleagues use an ultrafast laser to create waveguides in silicon](#)
  - [Science in Iran: Hard-Liner's Triumph Puts Research Plans in Doubt](#)
  - [Dr. Ali Adibi, recipient of 2004 Presidential Early Career Awards for Scientists and Engineers \(PECASE\)](#)
  - [Iranian String Theorist Delivers Beller Lecture, Promotes International Collaboration](#)
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### 4. Upcoming Conferences in Iran

- [\[Physics\] Astronomical Data Reduction & Analysis](#) / Jan 15-29, 2006 / Iran
- [\[Physics\] 10th Conference on Physics Education in Iran](#) / Nov 15-17, 2005 / Rasht, Iran
- [\[Physics\] Summer School on the Phenomenological Aspects of the Elementary Particle Physics](#) / Sep 5-8, 2005 / Institute for Studies in Theoretical Physics and Mathematics (IPM), Tehran, Iran
- [\[Physics\] The Annual Physics Conference of Iran](#) / August 29-Sep 1, 2005 / Khoramabad, Iran
- [\[Mechanical Engineering\] Tehran International Conference on Manufacturing Engineering](#) / Dec 12-15, 2005 / Tehran, Iran
- [\[Mathematics\] / International Workshop on Noncommutative Geometry](#) / Sep 11-22, 2005 / [IPM](#), Tehran, Iran
- [\[Mathematics\] / 36 Annual Iranian Mathematics Conference \(AIMC\)](#) / Sep 10-13, Yazd, Iran
- [\[Mechanical Engineering\] The 9th International Conference on Algebraic Hyperstructures and Its Applications \(AHA 2005\)](#) / Sep 1-7, 2005 / Babolsar, Iran
- [\[Mathematics\] School on Grobner Bases and Applications](#) / July 9-22, 2005 / Zanjan, Iran
- [\[Geology\] / 6th Congress of Safty, Health & Environment in Mine & Mining Industries](#) / May 7-11, 2006 / Tehran and Yazd, Iran
- [\[Geology\] 20th World Mining Congress](#) / Nov 7-11, 2005 / Tehran, Iran
- [\[Geology\] 9th Symposium of Geological Society of Iran](#) / Aug 30-31, 2005 / [Teacher Traning University](#), Tehran, Iran
- [\[Electrical Engineering\] 20th International Power System Conference \(PSC2005\)](#) / Nov 14 - 16 ,

2004 / Tehran, Iran

- [\[Electrical Engineering\] International Symposium on Telecommunications](#) / Sep 10-12, 2005 / Shiraz, Iran
- [\[Economy and Management\] Electronic Business and Electronic Commerce Research Conference](#) / December 13-14, 2005 / Tehran, Iran
- [\[Economy and Management\] 4th International Industrail Engineering Conference](#) / Nov 9-10, 2005 / [Tarbiat Modares University](#), Tehran, Iran
- [\[Economy and Management\] International Physical Asset Management Conference](#) / August 15-18, 2005 / Tehran, Iran
- [\[Computer Science\] 11th International CSI Computer Conference](#) / January 24-26, 2006 / School of Computer Science, IPM, Tehran, Iran
- [\[Computer Science\] International Workshop on Foundations of Software Engineering \(FSEN 2005\)](#) / Oct 1-3, 2005 / [IPM](#), Tehran, Iran
- [\[Chemistry\] 1st National Conference of Safety Engineering and HSE Management](#) / Feb 28- Mar 1, 2006 / [Sharif University of Technology](#), Tehran, Iran
- [\[Chemistry\] International Seminar on Polymer Science and Technology](#) / Sep 27-29, 2005 / Tehran, Iran
- [\[Chemistry\] 8th Iranian Congress of Biochemistry and First International Congress of Biochemistry and Molecular Biology](#) / Sep 11-15, 2005 / [Tarbiat Modares University](#), Tehran, Iran
- [\[Civil Engineering\] Fifth Iranian Conference on Hydraulics](#) / Nov 8-10, 2005 / [Shahid Bahonar University of Kerman](#), Kerman, Iran