



Welcome to New Academic Year 2021-2022

# IUT International E-Newsletter

A Window to International Activities of IUT

Volume 2, Issue No. 10

September 2021



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- IUT International News & Activities
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- IUT Upcoming Events & Opportunities



## Message from the President of IUT on the Beginning of the Academic Year 2021-2022

**Prof. Dr. S.M Abtahi: "The spirit of the scientific environment entails the presence of students"**



Dear students, dear colleagues,

I express congratulations on the new academic year at the beginning of the fifteenth century AH.

The spirit of the scientific environment entails the presence of students; The mission of the university is not just to convey former proven scientific concepts; A University is:

An extensive knowledge network for analyzing and understanding facts, a comprehensive view of problems and their comprehensive solution, a training workshop on correct relationships between human groups with different genders, ages, ethnicities, and

nationalities, a place to learn how to manage and lead social activities, the origins of democracy, along with uniformity, which are all reminiscent of attention to human, the environment and nature to move towards sustainable development, And in a nutshell, a university is a place of cultural-based behavioral cognition that guarantees the well-being of human society, and there is still a long way to go, before these concepts can be properly transmitted virtually. The presence of students makes it possible to carry out the mission of the university, and our desire for this presence is growing.



To get some information about IUT capacities and potentials, you can download the IUT prospectus for the new academic year from the following link: <https://b2n.ir/m14760>





## A Symposium on International Scientific Cooperation – MSRT and Higher Education Institutions

A symposium of international scientific cooperation, which was held virtually in the presence of the Minister of Science and the presidents of universities and vice-presidents and international directors of 150 higher education institutions entitled "Scientific Diplomacy in 2021-2022, with Emphasis on New Horizons; New Movements" was held on September 26, 2021.

In this meeting, the Minister of Science, Research and Technology, expressed congratulations on the new academic year and mentioned that 30% of the country's scientific output is associated with the participation of international sections. **Dr. Mohammad Ali Zolfigol** said that scientific authority is realized along with scientific diplomacy and leads to synergy. He also stressed that to help scientific diplomacy, we must have written programs for political, cultural, and social diplomacy.

The meeting was attended by **Prof. Dr. Seyed Mehdi Abtahi**, President of Isfahan University of Technology, **Prof. Dr. Mohammad Javad Omid**, Acting President and Director of the IUT International Scientific Cooperation Center, and **Prof. Dr. Mahmoud Tabrizchi**, faculty member of IUT. They also spoke about the international activities of IUT such as Cooperation with CERN, ICRANet and the Swiss desk of Isfahan University of Technology. Read more...



## The Annual Iranian Physics Conference was Hosted by Isfahan University of Technology

The annual conference of Iranian physics was held virtually from 23 to 26 August 2021, with the presence of professors, researchers, and students of physics and hosted by **Isfahan University of Technology** with cooperation by the **Iranian Physics Association** and the **Department of Physics of Isfahan University of Technology**.

This event aimed at creating an appropriate circumstance to present the research achievements of physicists in the country in the recent year and getting acquainted with current world topics in various fields of physics in Isfahan.

Researchers and speakers from **Italy**, **Germany**, and **France** also attended the scientific event, which was attended by more than 370 professors, researchers, and students of physics and presented 76 articles in oral lectures and 218 articles in posters.

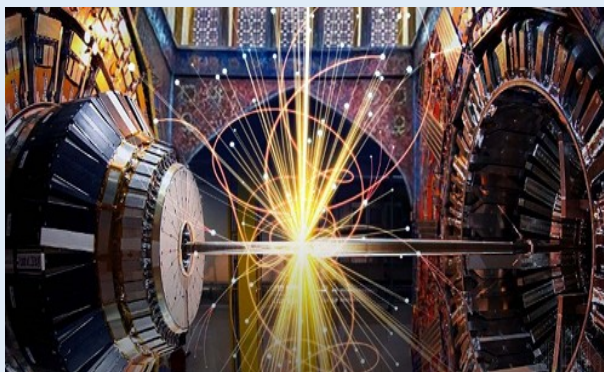
**Prof. Dr. Abdullah Langari**, the scientific secretary, from Sharif University of Technology and **Prof. Dr. Azar Tafrihi**, the executive secretary of this event from IUT, organized this conference. Read more...



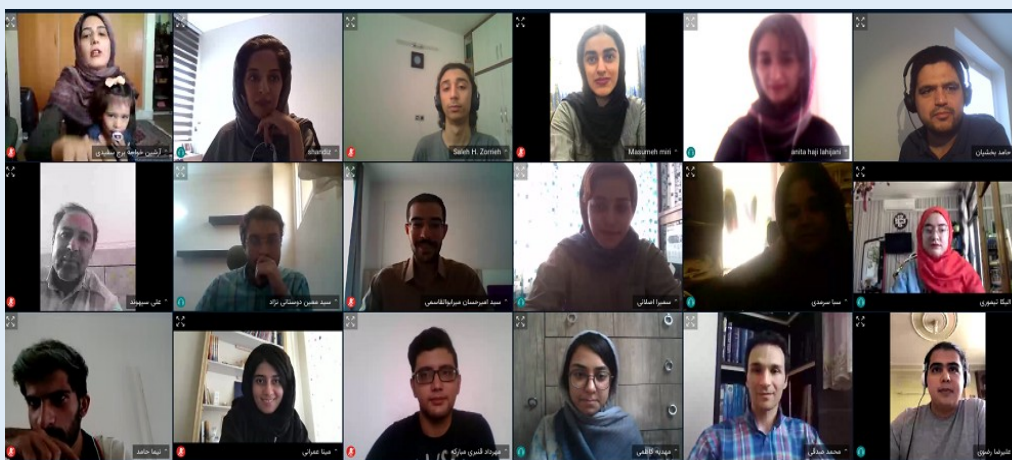
## The 2<sup>nd</sup> Workshop for the Collaboration of Iranian Universities with the CMS Experiment at CERN



The Department of Physics of Isfahan University of Technology (IUT), in cooperation with the Department of Electrical and Computer Engineering of this university, held the 2<sup>nd</sup> cooperation meeting of the country's universities with CERN. This conference, which was held on September 14, aimed at expanding cooperation with specialists in the country to motivate and attract young people in order to better promote scientific research and education related to CERN.



**Prof. Dr. Hamed Bakhshian Sohei** (Secretary of the Committee), **Prof. Dr. Abideh Jafari** and **Prof. Dr. Ahmad Shirzad** from the Department of Physics of IUT and **Prof. Dr. Asghar Gholami** and **Prof. Dr. Mohammad Sedghi** from the Department of Electrical and Computer Engineering of Isfahan University of Technology with a group of students from the Department of Physics of IUT are members of the organizing committee of this event. In addition to the aforementioned meeting, a three-day CERN School on CERN activities was planned for students and researchers with a focus on project implementation with part of the CMS test data.



CERN is the largest laboratory complex in the world in the field of particle physics and nuclear physics, which was created about 66 years ago in 1954 by the European Organization for Nuclear Research and during this time conducted several studies led by the world's top scientists (Including 6 Nobel Prize winners). The center which is "discovering the secrets of the origin of the world", now employs more than 3,000 physicists and engineers as resident staff in various theoretical and laboratory fields, and more than 6,500 scientists from 500 universities. They come from 80 countries in the form of short-term visits, which shows the great and unique scientific cooperation of scientists and researchers in the field of science in the world. CERN's largest current program, in addition to various studies in nuclear and particle physics, is the implementation of the LHC, or Large Hadron Collider, as the world's largest science project, a particle accelerator with unparalleled energy and complexity. It is unprecedented and the result will be a global partnership to uncover a new hidden part of the truth. For more information regarding the talks and the agenda please visit the workshop website at: <https://indico.cern.ch/e/iut1400>.



## Signing an MOU:

A memorandum of scientific, research and educational cooperation was signed between **Isfahan University of Technology** and the owner and designer of **Pol-Design**.

This memorandum has been concluded for revealing Pol-Design at the 22nd National Congress of Government, University and Industry Cooperation in 2018 for national development and within the context of creating and expanding cooperation between the country's industries and universities in the fields of scientific, research, educational and research activities.

This is carried out by university professors to be used by postgraduate and doctoral students to conduct applied research activities with specialized and talented forces in the community and industry. This memorandum is applicable for a period of three years in the form of educational and research cooperation.

Pol-Design was developed and proposed by **Dr. Mohammad Reza Zahir Emami**, a private-sector economic activist. "Pol's" Vision is the proper use of university capacities and the optimal use of capital and non-capital assets to generate wealth and employment for sustainable development and "Pol's" mission, dynamic relationship between industry and university through the development of applied research in the definition of master's theses and doctoral dissertations for more productivity enhancement.

The main goals of the plan include reviving stagnant industries and launching suspended capital and infrastructures, developing technology and equipping industries with up-to-date knowledge, increasing the productivity of active but non-productive industries, directing industries towards sustainable development and a green economy.



## Holding webinars:

A joint webinar on “ **Flood Risk Management in Iran and Germany**” was held by the center of Excellence for Risk Management and Natural Hazards on September 8, 2021.

In this webinar **Prof. Dr. Jahangir Abedi Koupai** (Report of Field Visit in the Flooded Areas of Sistan & Balouchestan Province in 2020, Iran), **Prof. Dr. Hamid Reza Safavi** (Lessons From Iran's 2019 Flood) and **Prof. Dr. Reza Modarres** (Non-Stationary Challenges in Flood Management in Iran), from IUT presented their lectures.

**HOWAMAN Joint Webinar on "Flood Risk Management in Iran and Germany"**  
Wednesday, 8<sup>th</sup> September 2021  
Begin: 16:00 pm, End: 19:00 pm (Local Time in Iran)  
Webinar Link: <https://ccolp.rasagir.com/howaman/>  
For More Information: <https://rimanah.iut.ac.ir/>

**Agenda: Opening (16:00 – 16:20)**

 <b>Prof. Holger Schütttrumpf</b> (Talk: Lessons Learnt from the Flood Event 2021 in Germany) (16:20 – 16:35)	 <b>Prof. Hamid R. Safavi</b> (Talk: Lessons From Iran's 2019 Flood: Hydrology and Water Resources) (17:40 – 17:55)
 <b>Dr. Reza Modarres</b> (Talk: Non-Stationary Challenges in Flood Management in Iran) (16:35 – 16:50)	 <b>Prof. Daniel Bachmann</b> (Talk: Flood Event 2021 in Germany: More Research Into Practice!) (17:55 – 18:10)
 <b>Mr. Georg Johann</b> (Talk: Flood Risk Management at Regional Level in Germany, Example: Emschergenossenschaft) (16:50 – 17:05)	 <b>Prof. Jahangir Abedi-Koupai</b> (Talk: Report of Field Visit in the Flooded Areas of Sistan & Balouchestan Province in 2020, Iran) (18:10 – 18:25)

**Questions and Answers (17:05 – 17:40)**      **Questions and Answers (18:25 – 19:00)**

## A New Round of Joint Research Collaborations between Iran and Switzerland



The Swiss Ministry of Science (SERI) has extended the mandate of the Zurich University of Applied Sciences (ZHAW) as the Leading House for South Asia and Iran for another four-year term.

ZHAW University, which served as the Leading House for South Asia and Iran from 2016 to 2020, has been commissioned for a new course from 2021 to 2024 to facilitate joint scientific and research collaborations between professors and researchers from **Switzerland** and **South Asia**, including **Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Sri Lanka, and Iran.**

ZHAW and the Swiss Desk of Isfahan University of Technology have taken very effective and strong steps since the establishment of the Iran-Switzerland research cooperation. The announcements of two Mobility Grant courses for young researchers and one Seed Money Grant and Bridging Grant course for university faculty members are the result of a collaboration between the two Leading Houses.

The call for a new round of joint research grants between the two countries in cooperation with the Swiss desk and ZHAW will be announced in the fall of this year. The call will include all kinds of support and will support young scientists, both in defining new projects between researchers in the two countries and in developing previous collaborations.

ZHAW ( Zürich University of Applied Sciences ) Campus





## Upcoming Events & Opportunities:

### ICRANet-ISFAHAN Astronomy Meeting

*From the Ancient Persian Astronomy to Recent Developments in Theoretical and Experimental Physics, Astrophysics and General Relativity*

This meeting will discuss astronomy from ancient Persian astronomy to recent developments in observational astronomy, high energy astrophysical phenomena such as Gamma-Ray Bursts (GRBs) and Active Galactic Nuclei (AGNs), Theories of Gravity, General Relativity and its Mathematical Foundation, Black Holes, Dark matter and Early Universe Cosmology.



Moreover, a workshop about data science in relativistic astrophysics on the second day of the meeting will be held. This meeting will provide a great opportunity to extend the scientific activities between IUT and other ICRANet Seats in IRAN and ICRANet members and besides more than 60 international institutions which signed an agreement with ICRANet. **Registration Deadline: October 31, 2021** For registration and further information please visit: <https://indico.icranet.org/event/2/>

### Call for Participation in the International Section of the 35<sup>th</sup> Khwarizmi International Award

**Extension of Call for Participation in the International Section of the 35<sup>th</sup> Khwarizmi International Award:**

The 35<sup>th</sup> Khwarizmi International Award will be held in the presence of the State President aiming at identifying and introducing international innovators, researchers, and non-resident Iranians and also honoring their valuable achievements. The participation deadline for the international sector and the non-resident Iranians of the Khwarizmi International Award has been extended until November 10, 2021.



For more information and registration, Please visit the website <http://khwarizmi.ir>.

### Call for HONG KONG PhD Fellowship Schem

Established in 2009 by the Research Grants Council (RGC), the Hong Kong PhD Fellowship Scheme (HKPFS) aims at attracting the best and brightest students in the world to pursue their PhD programs in Hong Kong's universities. The Fellowship Scheme will provide a competitive annual stipend and conference and research-related travel allowance per year up to three years. Initial application is accepted from September to December. Read more...



## Opportunities:

### Scholarship for International Winter University at Hochschule Fulda University of Applied Sciences

Fulda University will offer the International Winter University in a blended learning mode. This means the students can choose to either travel to Fulda and to participate in person or online.

The IWU takes place from January 10th to January 29th, 2022. Successful participants may receive up to 6 ECTS depending on their choice of seminars.

You can find the program and other useful information here. The International Office and the University Board are delighted to provide one student with a scholarship that covers the program fee of €1,200.00 (online) or 1,990.00 Euros (in presence/hybrid). The “in presence/hybrid” fee covers accommodation in Fulda, too.

The deadline for the nomination of students and handing in the application is October 15, 2021. For further information and apply please visit: <http://english.iut.ac.ir/node/574>



### COMSTECH Call for Research Grants in Master's and Doctoral Degrees for 2021

The Standing Committee on Scientific and Technological Cooperation of the Organization of Islamic Cooperation (COMSTECH) has announced its call for research grants for 2021 for young scholars of master's and doctoral degrees. The terms and conditions of benefiting from this research grant are as follows:

-Duration of benefiting from this research grant: 6 to 12 months (renewable with the consent of the host university or center)

-Payment of round trip ticket by COMSTECH and accommodation, education, etc. by the host university or center

-There are 24 research centers and universities in Pakistan and Turkey as host universities or centers

-The age requirement is 35 years for the master's degree and 45 years for the doctoral degree

For registration and further information please visit: <https://english.iut.ac.ir/node/321>



### Open Doors Olympiad 2021-2022: Russian Scholarship Project



The “*Open Doors Olympiad: Russian Scholarship Project*” has been started for the fifth time on September 15<sup>th</sup>. Students from all over the world can participate in the Olympiad and win a scholarship to study for master’s and PhD programs in the best Russian universities. Read more...



In order to expand the university's international Scientific interactions with overseas academic institutions, the IUT International is publishing this electronic Newsletter on international relations and in line with the IUT mission towards a Green University.

You are invited to register your email here to receive the new issue of the Newsletter upon its publication. You can also correspond with the editorial board from here to convey your valuable comments and suggestions to send materials related to IUT to be published in future issues of the Newsletter.

To see the previous issues and more information on the newsletter, please click here.

In addition to being distributed via social networks, this Newsletter will also be available through the following QR code. Your constructive participation in this path will guide us toward our goals.



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IUT International Newsletter is a periodic E-newsletter to be distributed among IUT students and staff.

Your constructive and valuable comments and suggestions are most welcome.

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