

NEWSLETTER



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IUTAM Home Page:

https://www.iutam.org or https://www.iutam.net

President's Address

I begin my address by wishing each of you good health and happiness, after nearly 2 years living under the shadow of the covid pandemic. For some, there will be personal tragedy and grief, for others there will be imposed inconveniences. But for us all, there will have been reduced opportunities for face-to-face interactions with friends and colleagues. In particular, the ability to travel and meet with our global friends and colleagues has been severely restricted. As we look ahead to 2022 and beyond, we hope that we can attend symposia, conferences and the like in person. Do take a look at the IUTAM website: there are many symposia listed for 2022 in the aftermath of global travel restrictions.

My congratulations to all the organisers of ICTAM 2020+1 for organising a successful virtual conference, and for keeping the tradition of ICTAM alive and well. We look forward to ICTAM 2024 in Daegu, South Korea and planning for this event has already begun. There has never been an ICTAM meeting in South Korea previously, and it promises to be a vital and successful event. South Korea is, arguably, a world leader in several industries that rely upon mechanics, such as automotive, electronics and ship building.

I remain enthusiastic that IUTAM can be a global voice for mechanics from fundamentals to applications, and I hope that we not only continue to enjoy the benefits of our geographic diversity, but we continue to embrace other aspects of our diversity such as age and gender. It is also important for us as a community to be broad in our research outlook, with an eye on new research problems ranging from sustainable energy to global health. IUTAM is a member of the International Science Council (ISC), based in Paris. With a broad range of co-sponsored international research programmes, networks and committees, the Council's activities span a broad range of issues, from global sustainability, poverty, urban health and wellbeing and disaster risk reduction, to data, observing systems and science advice to governments. The ISC provides the 'glue' to link up International Scientific Unions and to help stimulate joint projects between the Unions. This is an opportunity for IUTAM. At the recent annual general meeting of the ISC, I helped run a workshop on registration of Scientific Unions to give them a legal capacity. This topic continues to be a challenge for IUTAM and the Bureau is working hard on it.

I want to bring to your attention the call for IUTAM Symposia and Summer Schools for 2024/2025. Hopefully, it will be possible to hold international meetings by this time, and we will all be in a state of mind where we can have in person meetings rather than rely solely upon video conferencing. As stated on the IUTAM website, IUTAM seeks proposals for symposia and summer schools of high quality from a diverse pool of participants, without regard to race, religion, political philosophy, ethnic origin, citizenship, language or sex. The IUTAM grant can be used in a very flexible manner, in order to help the organisers run a scientific event of significant impact, especially to support younger researchers. It is recognised that, should the covid pandemic continue to make its presence felt, the decision on the precise nature of the event from in-person (the usual style) to virtual or hybrid will be left to the organisers.

In summary, I much look forward to IUTAM activities in 2022 and beyond, and hopefully we will be able to meet in person.

December 2021

Norman Fleck President of IUTAM Cambridge, UK

Report by the Secretary of the Congress Committee on the virtual XXV ICTAM in Milano, Italy

The 25th International Congress of Theoretical and Applied Mechanics was held in a fully virtual format during August 22-27 2021. In addition to the 4 plenary lectures and 16 sectional lectures, 1423 contributed papers were presented at the Congress. Of these, 129 were keynote invited papers associated with Mini-Symposia and Thematic Sessions. Submissions were solicited in two calls. The number of papers submitted to the Congress in the first call, that ended in January 2020, is 3158. The second call for abstracts for short oral presentations with poster followed the decision to postpone the Congress by a year; it was originally to be held in 2020. 237 abstracts were received in this call. All contributed papers were reviewed by the International Papers Committee (IPC). A total of 3108 papers were selected for presentation. Of the 1423 contributed papers presented at the Congress, 617 were in the area of Fluid Mechanics, 594 in Solid Mechanics and 212 in Fluid-Solid interactions. The break-up for the 129 keynote invited papers in the three areas is 52, 39 and 38 respectively. The event witnessed paper presentations from 59 countries.

This was the first time that an ICTAM was held in a virtual setting. The Congress Committee is sincerely thankful to Professors Alberto Corigliano and Umberto Perego for their wise leadership of ICTAM2020+1 in addressing the constraints and challenges posed by the pandemic.

On behalf of the Congress Committee, I would like to thank the members of the International Papers Committee (IPC): Professors John Hinch (UK), Andrew Pollard (Canada), Gábor Stépán (Hungary), Ellen Arruda (USA), Davide Bigoni (Italy) and Jacques Magnaudet (France), for their hard work in evaluating and selecting the papers for presentation at the Congress. The IPC was guided by the recommendations of the chairs of the Mini-Symposia and the Thematic Sessions, and by the national committees of eight major countries: China, France, Germany, Italy, Poland, Russia, UK and USA. All those involved in the paper assessment process deserve our warm thanks, especially the IPC, whose wise input and extraordinary efforts ensured the high quality of ICTAM2020+1. I note that, unlike in the past, the IPC had to additionally evaluate papers solicited in the second call and conduct all their meetings online. With a total of 3395 submissions to be evaluated, which is

far more than the number of submissions in earlier congresses, the efforts of IPC are truly commendable.

The 26th International Congress of Theoretical and Applied Mechanics (ICTAM2024) will be held during August 25-30, 2024 at the EXCO, the convention center in Daegu, Korea. It will be organized under the leadership of ICTAM2024 President Heuy Dong Kim and ICTAM2024 Secretary-General Simon Song. The preparations for the organization of the congress are in progress. Preliminary expressions of interest in providing a bid to hold ICTAM2028 have been received from Greece with the venue to be either Crete or Athens; and Rio de Janeiro, Brazil.

I conclude this report by sincerely thanking the members of the past and present Congress Committee and Executive Committee of the Congress Committee for their contributions to the successful organization of the Congress. We are very grateful to Professor Robert M. McMeeking for his dedication and enormous contributions while serving as the Secretary of the Congress Committee during 2012-2020. He has been extremely generous in making himself available for consultations even beyond his term, with his vast experience and wisdom, whenever we approached him.

December 2021

Sanjay Mittal Secretary of the Congress Committee of IUTAM Kanpur, India

Short Report on IUTAM General Assembly meeting, August 2021

(The complete summary record of the General Assembly meeting will be published in the IUTAM Report 2021)

The IUTAM General Assembly meeting was held in two sessions on 22 and 25 August 2021 by electronic means during the virtual 25th ICTAM held in Milano, Italy. Among the items discussed and decided upon at the meeting were the following:

Matters concerning Adhering Organizations

The General Assembly considered the issue of subscription dues, whose payment is required by IUTAM's Statutes, which had not been paid by adhering organizations from certain countries. The General Assembly undertook the relevant measures and suspended three adhering organizations which had not paid their dues; more details will be provided in the IUTAM Report 2021.

Election of the new Treasurer of IUTAM

The General Assembly elected Professor Pilar Ariza Moreno (Spain) as the IUTAM Treasurer for the period 2021-2024.

Discussion on registration of IUTAM

A resolution was discussed aiming to establish, in addition to the current IUTAM organization, a new IUTAM Association in the Netherlands as an entity with full legal capacity. Members of the General Assembly would become members of the IUTAM Association. After the discussion, the proposal did not receive sufficient support. The General Assembly recognized the need for registration of IUTAM as a legal entity and asked the Bureau to continue to work on it and report back any progress at the next General Assembly meeting in August 2022.

Presentation by Diversity Working Group and discussion

Following the discussion at the last General Assembly meeting in August 2020, the IUTAM Bureau appointed the Diversity Working Group (DWG). The Chair of the DWG, Professor Pilar Ariza, presented a report by the DWG on diversity within IUTAM. The presentation was followed by several

recommendations and a discussion. The General Assembly adopted an action plan regarding diversity, according to which the Bureau would solicit written feedback on the issue from the General Assembly members and propose a resolution for voting at the next General Assembly meeting in August 2022.

Date and venue of the next General Assembly meeting

The General Assembly agreed to hold its next meeting in Cambridge, UK, 21-24 August 2022.

Henryk Petryk Secretary-General of IUTAM Warsaw, Poland

From the Office of the Secretary-General

Postponement and change of format of IUTAM events due to COVID-19

The IUTAM activities in 2021 were seriously affected by the COVID-19 pandemic. The 25th ICTAM in Milano, Italy, postponed from 2020 to 2021, was successfully held in August 2021 in a fully virtual format. Besides the 25th ICTAM, three IUTAM Symposia and one IUTAM Special Event took place in 2021, either in a virtual or hybrid format. The majority of other IUTAM events originally scheduled for 2020 or 2021 were postponed by their Chairs and local organizers to 2022, following the IUTAM Bureau's decision allowing such postponement. New dates and format, if available, are announced in the present IUTAM Newsletter. Please consult the IUTAM website for up-to-date information about all IUTAM events.

The IUTAM Bureau Prizes announced during the Closing Ceremony of the 25th ICTAM

IUTAM Bureau Prize for the best lecture in Fluid Mechanics by a young scientist:

Soap film deformations: toward a local rheological model for foams Mr. Adrien Bussonnière, University Rennes, CNRS, Rennes, France

IUTAM Bureau Prize for the best lecture in Solid Mechanics by a young scientist:

A robust explicit algorithm for phase-field modeling of quasi-brittle fracture Mr. Alessandro Marengo, Politecnico di Milano, Milano, Italy

IUTAM Bureau Prize for the best seminar presentation by a young scientist: *Multi balls rotating in a circular track efficiently mitigate flow-induced vibrations*

Mr. Michael M. Selwanis, Polytechnique Montreal, Quebec, Canada and Military Technical College, Cairo, Egypt

Symposia proceedings

Since 2018, if the organizers of an IUTAM Symposium decide to publish proceedings, the recommended form of publication is the <u>IUTAM Bookseries</u> by Springer. This is an opportunity to leave a published legacy of

a meeting, regardless of whether it is an in-person or a virtual event due to the pandemic. Six volumes (nos. 33–38) of the Series have already been published since 2018. One further volume has already been announced.

Summer 2022 meetings of the IUTAM General Assembly, Bureau, Congress Committee, and Executive Committee of the Congress Committee

The summer 2022 meetings of the IUTAM bodies will be held from 21 to 24 August 2022 in Cambridge, UK.

Call for proposals for IUTAM Symposia and Summer Schools 2024-2025

The call for proposals for IUTAM Symposia and IUTAM Summer Schools for the years 2024 and 2025 has been launched. The form for submitting proposals can be accessed <u>through the IUTAM website</u>. The deadline for submissions is 31 March 2022.

December 2021

Henryk Petryk Secretary-General of IUTAM Warsaw, Poland

IUTAM Symposia 2022

Due to the ongoing COVID-19 pandemic, the dates and venues of IUTAM Symposia may change. Please consult the IUTAM website for up-to-date information about all IUTAM events.

22-1 = GA.20-08 IUTAM Symposium on Soft matter mechanics

Place: Hangzhou, China

Date: April 28 – April 30, 2022

Chair: **Prof. Y. Huang**

Northwestern University

Evanston, USA

Email: <u>y-huang@northwestern.edu</u>

Website: http://www.iutam-smm2022.org/

IUTAM Representative on Scientific Committee: Prof. H. Gao

22-2 = GA.18-07 IUTAM Symposium on Ultralarge-scale topology

optimization

Place: Kongens Lyngby, Denmark
Date: May 15 – May 18, 2022

Chair: **Prof. O. Sigmund**

Technical University of Denmark Nils Koppels Allé, building 404 2800 Kongens Lyngby, Denmark Email: sigmund@mek.dtu.dk

Website: https://www.conferencemanager.dk/iutam2022

IUTAM Representative on Scientific Committee: Prof. V. Tvergaard

22-3 = GA.20-10 IUTAM Symposium on Enhancing material

performance by exploiting instabilities and damage

evolution

Place: Warsaw, Poland
Date: June 5 – June 10, 2022

Chair: Prof. K. Kowalczyk-Gajewska

Institute of Fundamental Technological Research

Polish Academy of Sciences

Pawinskiego 5B

02-106 Warsaw, Poland

Email: <u>kkowalcz@ippt.pan.pl</u>

Co-Chair: **Prof. A. Srivastava**

Texas A&M University College Station, USA Email: ankit.sri@tamu.edu

Website: http://iutam2022warsaw.ippt.pan.pl/

IUTAM Representative on Scientific Committee: Prof. H. Petryk

22-4 = GA.20-04 IUTAM Symposium on Data-driven nonlinear and

stochastic dynamics with the control

Place: Xi'an, China

Date: June 6 – June 10, 2022

Co-Chair: **Prof. Y. Xu**

Northwestern Polytechnical University School of Mathematics and Statistics

127 West Youyi Road

710072 Xi'an Shaanxi, China Email: hsux3@nwpu.edu.cn

Co-Chair: **Prof. J. Kurths**

Humboldt-University Berlin

Institute of Physics Berlin, Germany

Email: juergen.kurths@pik-potsdam.de

Website: http://www.iutam2022-xian.com

IUTAM Representative on Scientific Committee: Prof. G. Stépán

22-5 = GA.20-02 IUTAM Symposium on Data-driven modeling and

optimization in fluid mechanics

Place: Aarhus, Denmark

Date: June 15 – June 17, 2022 Chair: **Prof. J.N. Sørensen**

Technical University of Denmark (DTU)

Lyngby, Denmark Email: jnso@dtu.dk

Co-Chair: **Prof. M. Abkar**

Aarhus University Aarhus C, Denmark Email: abkar@mpe.au.dk

Website: https://conferences.au.dk/iutam/

IUTAM Representative on Scientific Committee: Prof. D. Henningson

22-6 = GA.20-07 IUTAM Symposium on Multiscale architecting of

microstructures of solids: mechanics and

manufacture

Place: Beijing, China

Date: June 26 – June 28, 2022

Chair: **Prof. Y. Wei**

Institute of Mechanics

Chinese Academy of Sciences

Bei Si Huan Xi Rd #15, Zhongguancun

100190 Beijing, China

Email: yujie_wei@lnm.imech.ac.cn

Website: http://iutam2022-mams-mm.csp.escience.cn/

IUTAM Representative on Scientific Committee: Prof. N.A. Fleck

22-7 = GA.18-02 IUTAM Symposium on Interface mechanics of

complex flows and soft matter

Place: Beijing, China

Date: June 29 – July 2, 2022

Co-Chair: **Prof. H. Duan**

Peking University

Department of Mechanics and Engineering Science

No.5 Yiheyuan Road, Haidian District

100871 Beijing, China

Email: hlduan@pku.edu.cn

Co-Chair: **Prof. C. Sun**

Tsinghua University Beijing, China

Email: chaosun@tsinghua.edu.cn

Website: http://iutam2020.pku.edu.cn

IUTAM Representative on Scientific Committee: Prof. G. McKinley

22-8 = GA.18-01 IUTAM Symposium on Particles, drops and bubbles

in stratified environments

Place: Toulouse, France
Date: July 4 – July 7, 2022
Chair: **Prof. J. Magnaudet**

CNRS & Toulouse University

Institut de Mécanique des Fluides de Toulouse

Allée Camille Soula 31400 Toulouse, France Email: magnau@imft.fr

Website: https://iutam-imft-2020.sciencesconf.org/

IUTAM Representative on Scientific Committee: Prof. A.P.S. Freire

22-9 = GA.18-11 IUTAM Symposium on Turbulent structure and

particles-turbulence interaction

Place: Lanzhou, China

Date: July 8 – July 11, 2022 Co-Chair: **Prof. X.J. Zheng** Xidian University

> 710126 Xi'an, Shaanxi, China Email: xjzheng@xidian.edu.cn

Co-Chair: Prof. S. Balachandar

University of Florida

Department of Mechanical & Aerospace Engineering

231 MAE-A, P.O. Box 116250 Gainesville, FL 32611, USA Email: bala1s@ufl.edu

Website: http://www.iutamlzu.com/

IUTAM Representative on Scientific Committee: Prof. H.K. Moffatt

22-10 = GA.20-13 IUTAM Symposium on Optimal design and control

of multibody systems – adjoint methods, alternatives,

and beyond

Place: Hamburg, Germany
Date: July 18 – July 21, 2022

Chair: **Prof. A. Held**

Hamburg University of Technology (TUHH) Institute of Mechanics and Ocean Engineering

Eißendorfer Straße 42 21073 Hamburg, Germany Email: alexander.held@tuhh.de

Website: https://www.tuhh.de/alt/mum/iutam-symposium-

2022.html

IUTAM Representative on Scientific Committee: Prof. P. Eberhard

22-11 = GA.20-01 IUTAM Symposium "From Stokesian suspension dynamics to particulate flows in turbulence"

Place: Toulouse, France

Date: August 29 – September 2, 2022

Chair: **Prof. M. Maxey**

Brown University Providence, USA

Email: martin maxey@brown.edu

Website: https://www.imft.fr/from-stokesian-suspension-

dynamics-to-particulate-flows-in-turbulence/

IUTAM Representative on Scientific Committee: Prof. D. Lohse

22-12 = GA.20-03 IUTAM Symposium on Turbulent/non-turbulent interface in turbulent shear flow

Place: Beijing, China

Date: October 17 – October 19, 2022

Chair: **Prof. J. Wang**

Beihang University

Key Laboratory of Fluid Mechanics of Ministry of

Education of China

37 Xueyuan Road, Haidian District

100191 Beijing, China Email: jjwang@buaa.edu.cn

IUTAM Representative on Scientific Committee: Prof. A.P.S. Freire

22-13 = GA.18-12 IUTAM Symposium on Data-driven mechanics

Place: Paris, France

Date: October 26 – October 28, 2022

Chair: **Prof. F. Chinesta**

Arts et Metiers

151 Boulevard de l'Hopital

75013 Paris, France

Email: Francisco.Chinesta@ensam.eu

IUTAM Representative on Scientific Committee: Prof. N.A. Fleck

22-14 = GA.18-03 IUTAM Symposium on Dynamics and interface phenomena of bubbles and droplets at multiple

scales

Place: Tokyo, Japan

Date: 2022, no exact dates available yet.

Chair: Prof. S. Takagi

The University of Tokyo 7-3-1, Hongo, Bunkyo-ku 113-8656 Tokyo, Japan

Email: takagi@mech.t.u-tokyo.ac.jp

IUTAM Representative on Scientific Committee: Prof. A.P.S. Freire

22-15 = GA.18-13 IUTAM Symposium on Optimal guidance and control for autonomous systems

Place: Honolulu, USA

Date: 2022, no exact dates available yet.

Chair: **Prof. D. Azimov**

University of Hawai'i at Manoa 2540 Dole Street, Holmes 202

96822 Honolulu, USA Email: <u>azimov@hawaii.edu</u>

Website: https://manoa.hawaii.edu/ISOGCAS2020/

IUTAM Representative on Scientific Committee: Prof. P. Eberhard

22-16 = GA.18-14 IUTAM Symposium on Multiphysics analysis of wave propagation in electronic device structures

Place: Ningbo, China

Date: 2022, no exact dates available yet.

Chair: **Prof. J. Wang**

Ningbo University

School of Mechanical Engineering and Mechanics

818 Fenghua Road 315211 Ningbo, China Email: wangji@nbu.edu.cn

IUTAM Representative on Scientific Committee: Prof. H. Gao

22-17 = GA.18-15 IUTAM Symposium on Mechanics of liquid crystal elastomers

Place: Houston, USA

Date: 2022, no exact dates available yet.

Chair: **Prof. P. Sharma**

University of Houston

N207 Engineering Building 1 77204-4503 Houston, USA

Email: psharma@Central.UH.EDU

IUTAM Representative on Scientific Committee: Prof. B.A. Schrefler

IUTAM Symposia 2023

23-1 = GA.20-11 IUTAM Symposium on Nonlinear dynamics for

design of mechanical systems across different

length/time scales

Place: Tsukuba, Japan

Date: July 31 – August 4, 2023

Chair: **Prof. H. Yabuno**

University of Tsukuba 1-1-1 Ten-no-dai

305-8573 Tsukuba, Japan

Email: yabuno@esys.tsukuba.ac.jp

IUTAM Representative on Scientific Committee: Prof. G. Rega

23-2 = GA.20-12 IUTAM Symposium on Creep in structures

Place: Magdeburg, Germany

Date: September 18 – September 22, 2023

Chair: **Prof. H. Altenbach**

Otto-von-Guericke-Universitaet Magdeburg

Institute for Mechanics Universitaetsplatz 2

39106 Magdeburg, Germany Email: holm.altenbach@ovgu.de

Website: http://www.iutam-symposium.ovgu.de/

IUTAM Representative on Scientific Committee: Prof. B.A. Schrefler

23-3 = GA.20-05 IUTAM Symposium on Dynamics of capsules,

vesicles and cells in flow

Place: Compiègne, France

Date: 2023, no exact dates available yet.

Chair: **Prof. A.-V. Salsac**

Université de Technologie de Compiègne Biomechanics and Bioengineering Laboratory

CS 60319

60203 Compiègne, France Email: <u>a.salsac@utc.fr</u>

IUTAM Representative on Scientific Committee: Prof. T.J. Pedley

23-4 = GA.20-06 IUTAM Symposium on Interfacial effects, gels and

cells

Place: Limerick, Ireland

Date: 2023, no exact dates available yet.

Chair: **Prof. J. Huyghe**

University of Limerick

Bernal Institute

AD3.020 Analog Devices building

Plassey Park Road IE Limerick, Ireland

Email: jacques.huyghe@ul.ie

IUTAM Representative on Scientific Committee: Prof. F. Dias

23-5 = GA.20-09 IUTAM Symposium on Mechanics of advanced materials and structures with multifield couplings

Place: Nanjing, China

Date: 2023, no exact dates available yet.

Chair: **Prof. J.N. Reddy**

Texas A&M University Collegue Station, USA Email: <u>inreddy@tamu.edu</u>

IUTAM Representative on Scientific Committee: Prof. I.G. Goryacheva

IUTAM Summer Schools 2022

2022 IUTAM-CISM Summer School on Instability and

bifurcation of solids including coupled field

phenomena

Place: Udine, Italy

Event dates: June 13 – June 17, 2022

Coordinators: **Prof. R. Ogden**

University of Glasgow

School of Mathematics and Statistics

University Place

G12 8SQ Glasgow, UK

Email: Raymond.Ogden@glasgow.ac.uk

Prof. L. Dorfmann Tufts University

Department of Civil and Environmental Engineering

200 College Avenue Medford, MA 02155, USA

Email: Luis.Dorfmann@tufts.edu

Website: https://www.cism.it/en/activities/courses/C2204/

2022 IUTAM-CISM Summer School on Convection and

deformation in porous media: geophysical and

biological flows

Place: Udine, Italy

Event dates: July 11 – July 15, 2022
Coordinators: **Prof. C. MacMinn**University of Oxford

Department of Engineering Science

Parks Road

OX1 3PJ Oxford, UK

Email: christopher.macminn@eng.ox.ac.uk

Prof. M. De Paoli

TU Wien

Institute of Fluid Mechanics and Heat Transfer

Wien, Austria

Email: marco.de.paoli@tuwien.ac.at

Website: https://www.cism.it/en/activities/courses/C2207/

2022 IUTAM-CISM Summer School on Sports physics

and technology

Place: Udine, Italy

Event dates: September 19 – September 23, 2022

Coordinators: **Prof. A. Hosoi**

Massachusetts Institute of Technology Department of Mechanical Engineering

77 Massachusetts Avenue

Massachusetts 02139, Cambridge, USA

Email: peko@MIT.EDU

Prof. C. Clanet

LadHyX, Ecole Polytechnique

Palaiseau, France

Email: clanet@ladhyx.polytechnique.fr

IUTAM Endorsed Events 2022

2022 International Conference on Nonlinear Solid Mechanics

Place: Alghero, Sardinia, Italy
Date: June 13 – June 16, 2022
Co-Chair: **Prof. Marco Amabili**

Email: marco.amabili@mcgill.ca

Co-Chair: Prof. Francesco dell'Isola

Email: francesco.dellisola.aquila@gmail.com

Website: http://www.memocsevents.eu/iconsom2022/

2022 1st International Conference on Mechanics for Global

Challenges

Place: Singapore

Date: June 19 – June 24, 2022 Chair: **Prof. Huajian Gao**

Email: huajian.gao@ntu.edu.sg

Website: https://icmgc.org/

2022 11th European Solid Mechanics Conference

Place: Galway, Ireland
Date: July 4 – July 8, 2022
Chair: **Prof. Peter E. McHugh**

Email: peter.mchugh@nuigalway.ie

Website: http://www.esmc2022.org/

2022 6th Joint International Conference on Multibody System

Dynamics and 10th Asian Conference on Multibody

Dynamics

Place: New Delhi, India

Date: October 16 – October 20, 2022 Chair: **Prof. Subir Kumar Saha**

Email: saha@mech.iitd.ac.in

Co-Chair: **Prof. Rama Krishna K**

Email: rkk@mech.iitd.ac.in

Website: http://imsdacmd2020.iitd.ac.in/

ANNOUNCEMENT from the Committee on Space Research (COSPAR), an affiliated body of the International Science Council (ISC):

2022 44th Scientific Assembly of the Committee on Space

Research (COSPAR) and Associated Events "COSPAR

2022"

Place: Athens, Greece

Date: July 16 – July 24, 2022 Contact: cospar@cosparhq.cnes.fr

https://www.cospar-assembly.org

Abstract Deadline: Mid-February 2022

Topics:

Approximately 140 meetings covering the fields of COSPAR Scientific

Commissions (SC) and Panels – details available on the website

https://www.cospar-assembly.org.

Selected papers published in Advances in Space Research and Life Sciences in Space Research, fully refereed journals with no deadlines open to all submissions in relevant fields.

Notice on IUTAM Symposia

The IUTAM Symposia are reserved to invited participants. Those wishing to participate in an IUTAM Symposium are therefore advised to contact the Chairman of the Scientific Committee in due time in advance of the meeting.

As of January 2018, if the organizers of an IUTAM Symposium decide to publish proceedings, the recommended route of publication is the <u>IUTAM Bookseries</u> by Springer. Chairpersons of Symposia can contact the Secretary-General of IUTAM for the terms and conditions of publication in this series.

Acceptable forms for proceedings are also special issues of high-quality journals or other forms previously approved by the Bureau of IUTAM.

IUTAM is a member of **ISC** https://council.science

Notice on availability of IUTAM Newsletter

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