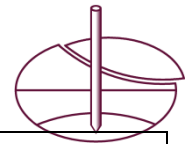


**ISSMGE FOUNDATION
REPORT ON CONFERENCE ATTENDANCE**

Your Name: Sachin Kumar	Your Organization: Indian Institute of Technology Kanpur, Uttar Pradesh, India	Date of report: October 8th, 2022
Conference Title: EUROCK 2022	Location of Conference: Espoo, Helsinki-region, Finland	Dates of Conference September 12-15, 2022:
What you learned: EUROCK 2022 conference theme was “Rock and Fracture Mechanics in Rock Engineering and Mining”. The conference featured a wide variety of professional talks, panel discussions, and special sessions. Student members had the opportunity to meet with academicians and industry experts during workshops and short courses that were specially designed for them. Nearly every aspect of rock mechanics and geological engineering was discussed in the talks, panel discussions, and presentations (oral and poster), including rock mass characterization, modelling of rock, rock stress measurement, field and laboratory investigations of rock, rock drilling, mechanics of rock joints, geophysics in rock mechanics, rock support, jointed rock mass behaviour, recent advances in rock mechanics research and others. It was a great chance to see consultant solutions to many complex building projects. As a PhD candidate whose primary research involves the investigation of rate-dependent mechanical and fracturing responses of jointed rocks under different infilling conditions, this conference gave me a useful perspective on several other recent research endeavours. Senior professors and active engineers gave me helpful career and research guidance, for which I am grateful.		
People you met: It was a great chance to interact with a variety of well-known people at the event. Leandro Alejano , Professor at the University of Vigo (Spain). Murat Karakus , Professor at the University of Adelaide (Australia). Amade Pouya , Professor at École des Ponts ParisTech (France) Mikael Rinne , Associate professor at Aalto University (Finland) Ping Zhang , Professor at Lulea University of Technology (Sweden) Gessica Umili , Associate professor at Università degli Studi di Torino (Italy) Naval Singh , Consultant of Geotechnical /Rock Engineering at Atkins Sverige AB (Sweden)		

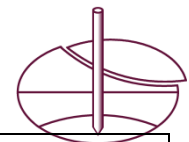


Main features of conference:

The goal of EUROCK 2022 conference was to give the level of technical expertise, networking possibilities, and peer contact that can only be obtained from in-person interactions. For consulting engineers, contractors, researchers, owners, and students, this event was very helpful with fresh programming and topics. Through unique plenary sessions, short courses, panels, and technical sessions, it offered a venue for learning from leading authorities in business and academia. The conference provided a venue for us to share what we had discovered with our peers via conference presentations.

Your comments on the conference:

The conference was efficiently run, and the keynote and theme talks were given on time. A fruitful discussion on the topic and potential research collaborations could be had during the tea breaks and lunch sessions, which were excellently timed. International students were able to exchange and discuss their research proposals. The lecture subjects were excellently picked, keeping the audience interested throughout the entire conference. During the programme, the volunteers were of great assistance to the delegates. I want to thank and show my appreciation to the EUROCK 2022 Conference organisers for giving us such an enjoyable and educational experience. I owe a debt of gratitude to the ISSMGE foundation for providing financial assistance so that I could attend this conference.



Please attach short report (maximum 400 words) suitable for publication in the ISSMGE Bulletin:

EUROCK is a well-known ISRM sponsored conference in the field of rock mechanics. The conference took place in Espoo, Helsinki Region, Finland, from September 12–15, 2022. After short courses and workshops, get together was held on Monday, September 12th, from 5:00 PM - 6:30 PM at Otakaari 24, 01250 Espoo. The conference officially began with a welcome note from the chair, **Lauri Uotinen**, and keynote addresses by **Sanna Mustonen** (Project Manager, Posiva Solutions Oy, Finland), and **Caroline Darcel** (Project Engineer, Itasca Consultants s.a.s, France) on Tuesday, September 13th, from 9:00 AM - 10:45 AM. Sanna Mustonen spoke about how Onkalo, deep-geological storage for nuclear waste, is revolutionising the nuclear energy industry and Caroline Darcel discussed the contribution of the Discrete Fracture Network methodology in rock mechanics applied to the Swedish Nuclear Waste Disposal Program. The simultaneous presentation of the scientific research paper took place in four different venues (Kaleva, lumituuli, palaver, and takka) on the same day after the poster presentation, from 11:15 AM to 5:15 PM. The conference resumed on September 14 with keynote speeches from **Michael Di Giovinazzo** (Principal Consultant - Mining Geomechanics Engineer, SRK Consulting Member Australasian Institute of Mining and Metallurgy, Finland) and **John Harrison** (W.M. Keck Chair of Engineering Rock Mechanics Lassonde Institute of Mining Dept. of Civil & Mineral Engineering University of Toronto, Canada). Michael Di Giovinazzo spoke about how rock engineering techniques are used in mine planning and operations, from characterization to implementation and John Harrison discussed the importance of Eurocode 7 in the future of rock engineering. My presentation was on September 14th from 4:00 PM – 4:15 PM in hall palaver. Overall, at this conference, a total of 24 technical seminars were planned so that they would include working rock engineers and experts in rock mechanics. Delicious lunch was served throughout the conference duration. Presenting my research work at this conference was a huge honour for me.

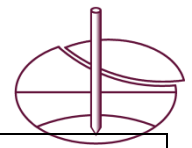
Photographs from Conference:



With **Leandro Alejano** (Professor at the University of Vigo, Spain)



With **Gaurav Tiwari** (Assistant Professor at Indian Institute of Technology Kanpur, India)



During my presentation in palaver hall



Presentation of a foreign delegate in kaleva hall



Presentation of an indian delegate