

# The 11<sup>th</sup> IAESREC Science Cafe

This time's IAESREC Science Cafe, we invited a Professor from Canada to present the latest researches about continuum mechanics. If you are interested in the topic and want to talk about science, please come and join our IAESREC Science Cafe!

## Invited Speaker

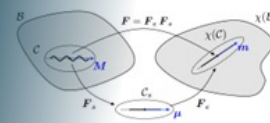
### Prof. Salvatore FEDERICO

University of Calgary (Canada)

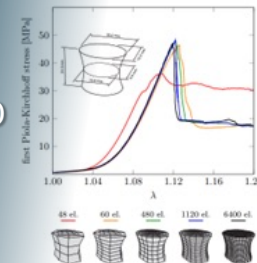


## Continuum Mechanist “by Accident”

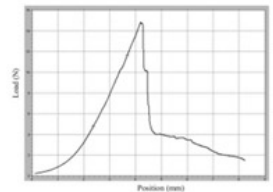
Prof. Federico will talk about how he ended up working in Continuum Mechanics (completely by accident) and how his research has evolved, starting from soft tissue biomechanics and then steering towards more general problems in elasticity, composite materials, porous media, electro-magneto-mechanics, growth and remodeling and geometric mechanics. It will be a good opportunity to get a sense of the many possible ways to reach professional success, and that the career path can be joyful!



Hamedzadeh\*, Gasser, Federico, 2018, *Eur. J. Mech. A/Solids*



## Damage Model for Fibrous Materials



Eliasson et al., 2013, *J. Appl. Physiol.*

Date and Time: **Dec. 15th (Thu.) 2022 16:30-17:30**

Venue: IAESREC Seminar Room (Room 302), Faculties of Engineering Integrated Research Bldg., Yoshida Campus

Language: **English**

Contact: IAESREC staffs (rabemanolontsoa.harifara.5c@kyoto-u.ac.jp)

## What's IAESREC Science Cafe?

The International Advanced Energy Science Research and Education Center (IAESREC) has started holding Science Cafes (IAESREC Science Cafe) since 2019. IAESREC Science Café provides opportunities of students from our graduate school to discuss about science freely. We have already invited speakers in various research fields to provide scientific

topics since it started. In particular, we have held ONLINE Science Café using Zoom since last year due to the COVID-19 pandemic, which enables us to invite researches from abroad with livestreaming. In addition, we also had online welcome event to provide an opportunity to interact with new international students of GSES under this kind of circumstance.