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# INTERPORE News

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## InterPore2020: A message from Qingdao

Registration is now open and in full swing! Early bird registration is **until 16 March**. You have plenty of time, but make sure the deadline is visibly marked on your calendar! Voltaire, a famous philosopher and writer once said: *It's really difficult, both in geography and morality, to understand the world without leaving your own home*. Well, be ready to leave your home to be welcomed to [InterPore2020 in Qingdao](#).

We would like to take you through a snapshot of the conference and wrap up at the end with a drink!

First work, then pleasure. Did you read our [item on poster presentations](#)? Posters share the beauty of an oral presentation and have a number of advantages. As a stark example, posters are an ideal platform to enhance networking. Would you like to catch up with Sebastian Geiger from Heriot-Watt University (UK)? You can find him in the poster session, at his invited poster presentation, where he is going to take you through "Flow diagnostics for fractured reservoirs: An innovative way to account for geological and geomechanical uncertainty in modern reservoir modelling and simulation workflows". Sounds very interesting! How about a preview taste? Together with two colleagues, Victoria Spooner and Lesly Gutierrez Sosa, Sebastian developed new flow diagnostic tools for naturally fractured reservoirs. These sacrifice some physical details in exchange for speed while still allowing us to assess some of the essential dynamic behaviours in the reservoir, including, e.g., how effectively wells communicate with each other or which wells are at risk of early breakthrough. Moreover, they can also account for geomechanical effects in the reservoir! As such, one can quickly evaluate if and where fractures are likely to open or close, and the ensuing evolution of reservoir dynamics, due to production-induced stress changes. It does look very promising and interesting! In case you wish to read more, you can find Sebastian's brief CV and an abstract of this research [here](#).



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And now, after a fully profitable and satisfying day at InterPore2020, we are ready to explore the magic of Qingdao! Being scientists, we do have thirst for knowledge in every field, not only in porous media! Our evening can start with a visit to... Qingdao Beer Museum! What a wonderful way to quench our thirst! The Tsingtao Beer Museum and Beer Factory (founded in 1903) is a "must see" Qingdao attraction and should not be missed. The tour through it is split up into three parts:

(1) history of Tsingtao Beer across the past 100 years (you will see a room with all of the designs of Tsingtao beer bottles over the last hundred years), (2) walk-through tour about how Tsingtao Beer is made (you will also find many world's beer types in an impressive display, (3) current brew factory production (including a not-to-be-missed final stop at the bar for some samples). And don't forget the "Drunk Room", which is equipped with slanted walls and floors and where you can experience a simulation of many aspects of drunkenness without being actually drunk.

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There is an interesting saying in Qingdao: “People from Qingdao drink beer like water in their daily life and if they didn’t drink beer, they have spent their lives in vain”. So ... make sure to foresee some time to actually experience the museum! One of the most popular beers is the draft beer (or bulk beer). This is poured into a barrel with zero alcohol content and is characterized by a particularly strong smell of malt barley. Using plastic bags to carry beer from the beer house is a signature of Qingdao and Qingdao people name beer stalls you can find along the street as “standing bowls.” A standing bowl is a place where friends meet and share experiences about their daily lives, and it is an ideal place to meet new friends. What a great feeling it is to sit together and have a refreshing drink!



# INTERPORE Awards

## A new InterPore Award: Rien van Genuchten Early-Career Award



A new award is created in honor of the eminent soil and groundwater scientist Marthinus (Rien) Th. van Genuchten. It has been made possible by a generous donation from Dr. Betty-May Pontedeiro to the InterPore Foundation.

The award will be given to an early-career researcher with the main research focus of “porous media for a green world”. This may involve significant theoretical, experimental and/or modeling advances addressing major soil, hydrologic and/or environmental problems facing our planet. The award is given annually to a person with at most three years of experience after receiving his/her PhD (not including the year of the award) and comes with an InterPore conference grant of €1,500. The grant is preferentially intended for young researchers from countries with low- or middle-income economies as defined by the World Bank.

*Rien van Genuchten* Rien is world renown for his enormous achievements in the area of fluids flow and solutes transport in partially-saturated porous media. He has made highly impactful contributions to the understanding and modeling of subsurface processes, in such widely varying fields as soil physics, hydrology, geology, the environmental sciences, and civil engineering. Among many services to the community have been the establishment of the Vadose Zone Journal, developing many robust modelling packages (such as HYDRUS), and serving on innumerable committees. He has received a large number of awards and other recognitions from major soil and hydrology societies. He was awarded InterPore Lifetime Membership Award in 2012.

We asked Dr. Betty-May Pontedeiro about her motivation to make this donation and create this award.

**Which was the motivation to create the Rien van Genuchten Early-Career Award?** *Rien has been always ready to help students and young scientists to carry out the best possible research, publish their papers in the open literature, and build a good career. Also, he has always contributed to technology transfer, selflessly helping others, specially younger people, with their research and education, and disseminating the practical and engineering aspects of his work. This award would be a modest step towards continuing his legacy.*

**Why “research for a green world”?** *Rien is very much concerned about how we can address environmental issues, sustainable agriculture, and clean water production to create a better and more sustainable world for the future generations.*

**Why InterPore?** *If Rien were to begin his career today, for sure he would like to carry out pore-scale numerical and experimental research to better understand the basic processes governing larger-scale processes. But then in such a way that results can be eventually used to address some of the urgent environmental problems facing our world. InterPore’s mission is very much along these lines. So, I cannot think of a professional society more dedicated to this view.*

*Finally, I would like to thank the InterPore Society for making it possible to implement the Rien van Genuchten Early-Career Award. My special thanks to one of Rien’s best friends and colleagues, Majid Hassanizadeh, for helping and guiding me through this process.*



## Call for Rien van Genuchten Early-Career Award of Porous Media for a Green World Nominations

Nominations for this award are being accepted now. The awardee should be able to participate in Qingdao conference.

Deadline for submission of complete nomination package is **Saturday, 29 February 2020**.

Please click [here](#) for detailed information on the award and the nomination requirements.



# COMMUNITY News

## Call for Abstracts: Crispom VII workshop

*3-5 June 2020, Pau, France*

The seventh edition of the Crystallization in Porous Media workshop is a biannual international workshop which focuses on fundamental research of crystallization in porous materials. It unites researchers from geoenvironment, geology, physics, chemistry, mechanics and conservation interested in crystal nucleation, growth and transport in porous media and its related consequences. The goal is to bring together leading researchers and Ph.D. students to provide for a constructive and open dialogue. Also, it seeks to incite collaborations between theorists, modelists and experimentalists on an international level.

Topics of interest include, but are not limited to:

-  Fundamentals of crystallization in porous or confined media
-  Coupled problems including crystallization
-  Crystallization in the built environment
-  Crystallization and rock transformation in nature
-  Crystallization of salt and gas hydrates

To find more details about the workshop, and to submit an abstract, please visit the [website](#).

Abstract submission is open until **1 February 2020**.



# INTERPORE Calendar

**28 January 2020:** The Spanish Chapter kick-off meeting (Barcelona, Spain)

**24-29 May 2020:** The 12th annual InterPore meeting (Qingdao, China)

**1-2 October 2020:** The German Chapter meeting (Stuttgart, Germany)

**31 May - 3 June 2021:** The 13th annual InterPore meeting (Edinburgh, UK)

**15-21 May 2022** The 14th annual InterPore meeting (USA)



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