

Announcement: Mini-Symposium MS4.1: “Porous Electrodes for Desalination and Environmental Applications,” during InterPore 2017 (9th Annual Meeting of the International Society of Porous Media), May 8-11, 2017, Rotterdam, The Netherlands. [link to [mini-symposium abstract](#)]

ABSTRACT [SUBMISSION](#) DEADLINE: NOVEMBER 14, 2016. This is the absolute deadline -- no extensions!

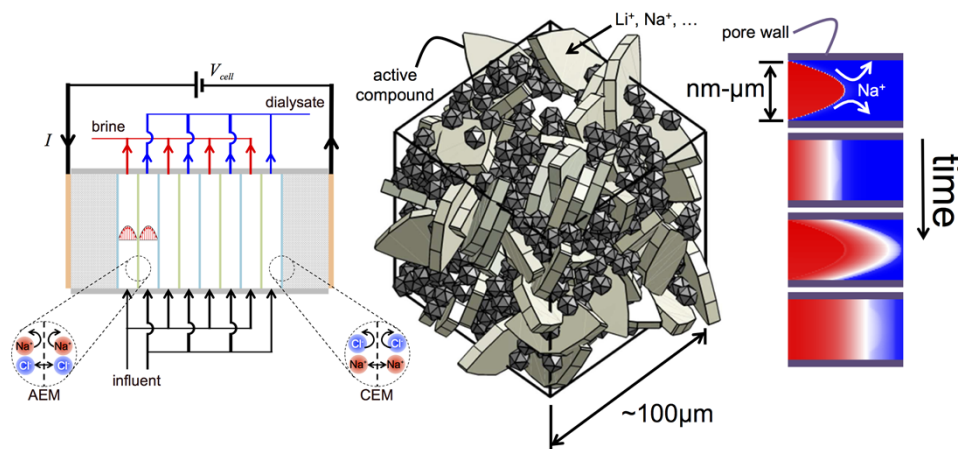


Dear colleague,

The organizers of Mini-Symposium 4.1, *Porous Electrodes for Desalination and Environmental Applications*, invite you to attend the [9th annual meeting of the International Society of Porous Media \(ISPM\)](#), May 8-11, 2017 in Rotterdam, The Netherlands!

Mini-Symposium on *Porous Electrodes for Desalination and Environmental Applications* @ InterPore 2017

During the **InterPore 2017** meeting, a mini-symposium is planned, entitled “*Porous Electrodes for Desalination and Environmental Applications*,” focusing on all kinds of electrochemical processes within porous electrodes (including, capacitive and faradaic) with applications related to water desalination, water treatment, environmental separations, and energy storage. Examples include pollutant removal, desalination of brackish and seawater using capacitive deionization (CDI), and energy storage with aqueous and non-aqueous batteries. Particular emphasis is on the mathematical modeling of transport processes within porous electrodes at multiple length scales (including macro, pore, and nano scales), the fundamental physics and thermodynamics of electrosorption in capacitive micropores and in intercalation host compounds, and surface transport processes. Convection, diffusion, and dispersion processes within porous electrodes and their impact on functional performance are of particular interest, in addition to consideration of porous (carbon) membranes that can be charged capacitively.



The symposium will feature a poster session, an invited talk [pending], and regular talks. During InterPore there is sufficient time for direct contact with other attendees during breaks, lunches and in the evenings.

The organizers of Mini-Symposium 4.1, invite you to submit your abstract for an oral or poster contribution. For a detailed scope of the mini-symposium, see [\[link\]](#). Abstract submission has opened! [\[link\]](#)

Annual InterPore Meeting, 2017

May 8-11, 2017, 9th Annual Meeting of the International Society of Porous Media is held in Rotterdam, The Netherlands. The meeting consists of 68 mini-symposia and 4 general sessions in the following areas:

- 1.) fundamental theories of porous media,
- 2.) computational challenges in porous media simulation,
- 3.) experimental achievements, and
- 4.) other topics related to porous media.

Besides these sessions, several poster sessions are organized, tutorials, and a number of [plenary](#) and [invited](#) lectures.



For any questions, do not hesitate to contact any of the mini-symposium organizers.

We look forward to seeing you in Rotterdam in 2017!

The organizers.

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