

## Venue and travel arrangements

4 September (afternoon) – Registration at LNEC, located at Av. do Brasil 101, Lisboa (15 min from the airport, by taxi)

4 September (18:30) – Bus transfer from LNEC to Tróia

4-7 September – Workshop at the Aqualuz Suite Hotel, Tróia (38° 29' 28.05 N 8° 54' 16.19 W)



<http://www.aqualuz.com/English-212.aspx>

7 September (15:00) – Bus transfer from Tróia to Lisboa. Estimated arrival times:

Airport – 16:50

LNEC – 17:15

Information for those travelling independently will be available at the website of the workshop

## Theme and objectives

The workshop focuses on fundamental research of crystallization in porous materials. It aims for a better understanding of damage mechanisms, as a basis for the implementation of appropriate preventive and protective measures. This third edition of the workshop will also focus on the development of low energy heat storage systems based on salts.

The idea is to bring together leading researchers and PhD students to provide a constructive and open dialogue. It seeks also to promote collaborations between theoreticians and experimentalists on an international level.

## Topics

- Nucleation and crystal growth in the pore network
- Crystallization pressure and its relation with damage
- Behaviour of salt mixtures
- Influence of salts on moisture transport and drying
- Measures for prevention or remediation of salt decay
- Methods for control of crystallization
- Heat storage by salts

## Keynote speakers

Jan Carmeliet – ETH Zürich (Switzerland)

George W. Scherer – Princeton University (USA)

Marc Prat – IMFT (France)

Michael Steiger – Hamburg University (Germany)

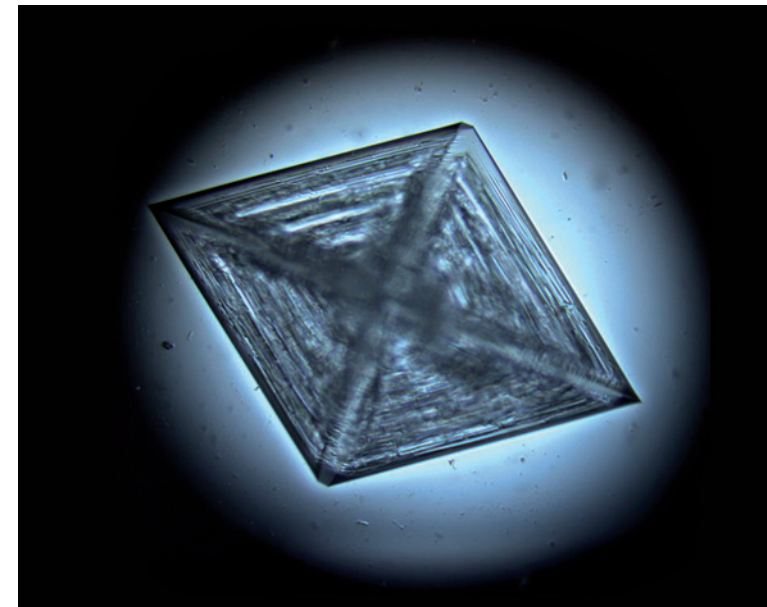
Encarnación Ruiz Agudo – University of Granada (Spain)

José Delgado Rodrigues – LNEC (Portugal)

Workshop

# CRYSPOM III

Crystallization in porous media



Tróia, Portugal  
4-7 September 2012



LABORATÓRIO NACIONAL  
DE ENGENHARIA CIVIL

## Cost and payment

Participants – € 620 including the bus transfer from Lisboa/LNEC to Tróia and back, three nights (double studio apartment), breakfast, coffee breaks, lunch, dinner and book of abstracts.

Accompanying person – € 60 including the bus transfer, three nights, breakfast and dinner.

PhD students – € 750 for two students sharing a double studio apartment, including the bus transfer from Lisboa/LNEC to Troia and back, three nights, coffee breaks, lunch, dinner and book of abstracts. Proof of student status required.

Payment should be done directly to the hotel (excursion not included).

## Deadlines

**May 15** – Abstract submission by e-mail to [crispom@tue.nl](mailto:crispom@tue.nl)

Abstracts should not exceed 2 A4 pages (template on the website of the workshop)

Indicate preference for oral or poster presentation

**May 30** – Notification of acceptance

**June 15** – Hotel reservation (50% deposit fee)  
e-mail: [alruaz@aqualuztroia.pt](mailto:alruaz@aqualuztroia.pt)

Contact person: Ana Ruaz (Tel: + 351 265 499 456)

Students sharing an apartment should make their hotel reservations together

Hotel reservation form available on the website of the workshop

Mention CRYSPOM III in all correspondence

**June 15** – Workshop registration by e-mail to [crispom@tue.nl](mailto:crispom@tue.nl).

Limited to hotel availability

Indication of the hotel reservation number is necessary

Registration form available on the website of the workshop

## Organization

The workshop is a joint organization of the Department of Applied Physics of the Eindhoven University of Technology (TU/e, Netherlands) and the National Laboratory for Civil Engineering (LNEC, Portugal).

## Organizing committee

From TU/e: Leo Pel (workshop chair)  
Sonia Gupta

From LNEC: Teresa Diaz Gonçalves (workshop chair)  
Vânia Brito  
João Manuel Mimoso  
Dória Costa

## Scientific committee

Leo Pel – TU/e (Netherlands)

Teresa Diaz Gonçalves – LNEC (Portugal)

Noushine Shahidzadeh-Bonn – UVA (Netherlands)

Jan Carmeliet – ETH Zürich (Switzerland)

Rosa M. Espinosa-Marzal – ETH Zürich (Switzerland)

## Further information

### Workshop website

<http://www.phys.tue.nl/nfcmr/crispom/crispommain.html>

### Workshop secretariat

Contact person: Marlouke Creemers-Samuels

e-mail: [crispom@tue.nl](mailto:crispom@tue.nl)

tel: +31 40 2474248; fax: +31 40 2432598

## Schedule

4 September (Tuesday)	5 September (Wednesday)	6 September (Thursday)	7 September (Friday)
	sessions	sessions	sessions
	coffee break	coffee break	coffee break
	sessions	sessions	sessions
	lunch	lunch	lunch
registration at LNEC (Lisboa) + bus transfer to Tróia at 18:30	sessions	sessions	bus transfer to Lisboa at 15:00
	coffee break		
	sessions	free / excursions	
dinner	dinner	dinner	