

# Tidalites 2015

November 17th to 19th

**PUERTO MADRYN - ARGENTINA**



First Circular  
**9th International Conference  
on Tidal Sedimentology**



# 9th International Conference on Tidal Sedimentology Tidalites 2015

November 17<sup>th</sup> - November 19<sup>th</sup>, 2015

First Circular, July 2014

Dear colleagues, we cordially invite you to Puerto Madryn, Patagonia Argentina, for the 9<sup>th</sup> International Conference on Tidal Sedimentology (Tidalites). The conference will take place between November 17<sup>th</sup> and November 19<sup>th</sup>, 2015.

This is the 9<sup>th</sup> of a series of international conferences on tidal sedimentology that occurs every four years, and for the first time it will take place in the Southern Hemisphere after three years since the last conference in Caen, France 2012. Other previous venues include Qingdao, China 2008; Copenhagen, Denmark 2004; Seoul, South Korea 2000; Savannah, USA 1996; Wilhelmshaven, Germany 1992; Calgary, Canada 1989; and Utrecht, The Netherlands, 1985.

## Conference themes

To date, provisional themes suggested include:

- Modern and ancient tidal sedimentation (facies models)
- Physical, geomorphological, biological, geochemical and geotechnical processes in tidal environments
- Tidal hydrodynamics and sediment transport (*in situ* measurements, flume experiments, numerical modelling)
- Tidal coastal morphodynamics
- Tidal facies and (oil, gas, water) reservoirs
- Incised valley / estuaries infilling
- Tidal basin stratigraphy modelling
- Global change impacts on tidal environments

This is a general outline of the topics traditionally covered during Tidalites and we welcome any suggestion about other topics.

A call for abstracts will be made via the Second Circular; and we will be welcoming both oral and poster submissions.

## Field Trips

Pre and post-conference field trips are planned, both comprising modern and ancient tidal systems. This is a list of planned field trips:

- The Miocene tidal deposits of Valdes Peninsula.
  - Departure: Puerto Madryn City (meeting venue)
  - Arrival: Puerto Madryn City
  - Duration: 2-3 days (1 or 2 nights of accommodation in Puerto Pirámide village)
  - Leaders: José Cuitiño and Roberto Scasso

- The tidal deposits of late Cretaceous/Paleogene Paso del Sapo and Lefipán formations
  - Departure: Puerto Madryn City (meeting venue)
  - Arrival: Puerto Madryn City
  - Duration: 2-3 days
  - Leaders: Roberto Scasso
  
- The Rio de La Plata Estuary
  - Departure: Buenos Aires
  - Arrival: Buenos Aires
  - Duration: four days, three nights of accommodation in Buenos Aires.
  - Leaders: Silvia Marcomini and Rubén Lopez
  
- The Bahía Blanca Estuary.
  - Departure: Bahía Blanca city (flight connections with Buenos Aires; bus connections to Puerto Madryn).
  - Arrival: Bahía Blanca city
  - Duration: 2-3 days (nights accommodation in Bahía Blanca)
  - Leader: Diana Cuadrado
  
- The tidal deposits of the Neuquén Basin
  - Duration: 3 days (accommodation in Zapala city)
  - Leaders: Ernesto Schwarz, Steve Flint and Gonzalo Veiga
  
- Neoproterozoic-early Paleozoic tidal deposits of NW Argentina
  - Departure: Salta city (flight connections with Buenos Aires).
  - Arrival: Salta city
  - Duration: 4 days (accommodation in Salta and Cafayate cities)
  - Leader: Vanina Lopez de Azarevich

## Venue

The venue for a tidal-sedimentological congress can't be other than Patagonia, where spectacular world class outcrops from Cretaceous to late Miocene met with a 2000 km long mesotidal to hypertidal coast. Furthermore, the "land of wind" offers unforgettable landscapes together with wild flora and fauna and it can be an awesome experience to live in combination to a scientific meeting. Puerto Madryn (Chubut Province) was chosen as the venue for the Tidalites 2015 meeting. This touristic city is located in the Atlantic coast of Patagonia, along the shore of the Nuevo Gulf. It holds a variety of accommodation facilities, as well as the University of Patagonia. Arrival can be made via the Trelew airport (1 hour driving from P. Madryn), with daily flight connections directly from Buenos Aires, or by direct flights to Puerto Madryn (reduced flights frequency).

Puerto Madryn is the access door to the Valdes Peninsula, a place inscribed in the World Heritage List (UNESCO) which contains very important and significant natural habitats for the in-situ conservation of several threatened species of outstanding universal value. Cliffs around Valdes Peninsula show spectacular outcrops of middle to late Miocene tidal deposits to be visited in a Field Trip.

Puerto Madryn holds the Centro Nacional Patagónico (CENPAT), a multidisciplinary scientific research centre where the meeting will take place. The CENPAT, which

depends of CONICET (National Scientific Research Council), has a modern auditory for more than 100 people, equipped with the facilities needed to hold an international scientific meeting. Among the main disciplines carried out by researchers of this institution are biology (especially marine biology), anthropology, geology, oceanography, meteorology and paleontology.

### **Organizing committee**

Chairman: **Dr. Roberto A. Scasso** (Departamento de Ciencias Geológicas, Universidad de Buenos Aires-CONICET)

Secretary: **Dr. José I. Cuitiño** (Departamento de Ciencias Geológicas, Universidad de Buenos Aires)

### **Contact**

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