

UNDERWATER MINING INSTITUTE 2014

Harvesting Seabed Mineral Resources
in Harmony with Nature

The 43rd Conference of the Underwater Mining Institute

September 21–28, 2014 • Lisbon, Portugal

www.underwatermining.org

Geotechnical Field Trips to South Portugal

Registration Deadline: July 15, 2014

Updated June 1, 2014

Short UMI Overview

September 21 (Sunday), Olissippo Oriente Hotel, 19:30h: **Welcome Reception**

September 22, 23 and 24 (Monday, Tuesday and Wednesday), Pavilhão do Conhecimento (Pavillion of Knowledge) - Ciência Viva, 08:30h: **Technical Sessions**. Other activities include **Oceanário, Banquet**, and a **Spouses-only Lisbon Tour**.

September 24 through 26 (Wednesday late afternoon, Thursday, and Friday): GEOTECHNICAL FIELD TOURS, one to the central Portugal and **two to south Portugal**. Leave Lisbon hotel on Wednesday, visit mines on **Thursday**, travel to Algarve on **Friday**, and depart on **Saturday, September 27**, unless participating in strategic planning meeting below. **Field Tour Fee covers 2 hotel nights-24th and 25th, bus, entry fees, breakfast and lunch; dinners are no-host**). **NOTE: Our host can assist with making a separate hotel reservation for the evening of September 26, which is not included in field tour fee.**

September 26 (late evening hotel check in), September 27 through 28 (Friday, Saturday and to Sunday afternoon) in Algarve - Albufeira: **2nd UMI Strategic Planning Meeting**. This involves steering committees (technical, environmental, and education), formed in 2013. Again, our host can assist with making a separate hotel reservation for the evening of September 28, as this is not included in the meeting fee.

Note: Depending on final number of participants and circumstances beyond our control, these Field Tour arrangements maybe subject to change

September 24 (Wednesday)

**Group/Bus 1 (30 people, Neves Corvo Mine)
and
Group/Bus 2 (30 people, Aljustrel Mine)**

16:30h – Leave Lisbon to Santa Vitória - Beja

18:30h – Arrival and check in: Hotel Vila Galé Clube de Campo
(<http://www.vilagale.pt/pages/hoteis/?hotel=14>)

19:30h – No-host Dinner in the hotel at the *Pavilhão de Caça* restaurant
(offering regional gastronomy/wine tasting)



September 25 (Thursday)

Group/Bus 1 (30 people, Neves Corvo Mine)

7:30h – Leave the hotel to the Neves Corvo mine

8:30h – Arrival to the Neves Corvo Mine

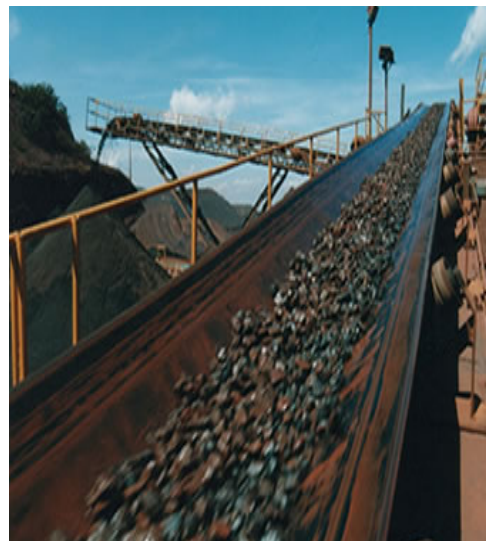
1 – Introduction to the mine geology, ore characteristics, exploitation and ore processing aspects;

2 – Above ground visit (no underground) to the Neves Corvo mine (massive sulfide and stockwork mineralization, and footwall alteration facies);

3 – Visit to the ore processing facilities (copper/zinc plants);

12:30h – Lunch at SOMINCOR's restaurant

13.15h – Travel from the Neves Corvo mine to the Lousal Mining Village



September 25 (Thursday)

Bus 2 (30 people/ Aljustrel mine group)

7:30h – Leave the hotel to the Aljustrel mine

8:30h – Arrival to the Aljustrel Mine

1 – Introduction to the mine geology, ore characteristics, exploitation and ore processing aspects;

2 - Underground visit to the Aljustrel mine (massive sulfide and stockwork mineralization, and footwall alteration facies; 11 people maximum)

3 – Visit to the ore processing facilities (copper/zinc plants; 19 people)

12:30h – Lunch at Aljustrel Village – restaurant “Mirante”

13.30h – Travel from Aljustrel to the Lousal Mining Village



September 25 (Thursday)

Group/Bus 1 and Group/Bus 2 (60 people in total)

14:00h – Visit to the Lousal Mining Village (old pyrite mine, closed since 1988)

1 – Welcome and introduction to the general characteristics of the RELOUSAL Program – Environmental, social, economic and patrimonial rehabilitation of the Lousal Mining Village

2 – Visit to the Lousal Open Pit / underground gallery (Valdemar gallery)/ and environmental rehabilitation initiatives

3 – Visit to the Mining Museum of Lousal

4 – Visit to the Science Centre of Lousal – Mine of Science

5 – Auditorium of Lousal: (i) View of a documentary on the Lousal mine operation in 1958; (ii) View of a video on the current activity of the Lousal Science Centre; (iii) Q&A and discussion

19:00h – No-host Dinner at the Restaurant *Armazém Central* (Lousal); regional gastronomy accompanied by songs performed by a *Choral Group of Lousal Miners*

21:00h – Leave Lousal

21:30h – Arrival to the *Hotel Vila Galé Clube de Campo* (same hotel)



September 26 (Friday)

Group/Bus 1 and Group/Bus 2 (60 people in total)

(No special field gear is required; comfortable and fresh clothes/hiking shoes are advised)

Travel to Algarve through the Alentejo coast (geoturistic field trip)

8:00h – Hotel check out and travel depart

9:30h – Stop 1 – Almogrove Beach (37°39'11.58"N; 8°48'03.91"W) – Easy walk along the cliff and beach; beautiful natural scenery and landscape; outstanding geologic outcrops.

12:30h – Leave Almogrove beach towards South.

13:30h – Stop 2 - Arrifana beach (37°39'11.58"N; 8°48'03.91"W); Lunch at a restaurant on top of a cliff with an exceptional view over the sea (excellent grilled fish and seafood);

15:30h – Leave Arrifana beach towards South.

16:30h – Stop 3 – Carrapateira village / Amado beach (37°10'22.78"N; 8°54'17.78"W); Triassic and Lower Jurassic geology – spectacular outcrops; brief coffee/beverage/sweet stop

18:00h – Leave Carrapateira towards South.

18:30h – Stop 4 – Sagres cape – historical place (Portuguese Nautical Discoveries); exceptional landscape; beautiful geology.

19:00h – Leave Sagres towards East.

20:15h – Stop 5 (final destination at Algarve) - Albufeira. Arrival to the hotel and check in.

Accommodation: Grande Real Santa Eulália Resort and Hotel Spa
<http://www.granderealsantaeulaliahotel.com/pt/welcome.html>

End of field trip.

(Participants are free to explore Albufeira--to dine and find entertainment on their own)

