

IW-TAE

SCHEDULE

Wednesday, October 4th, 2017

SALÓN DE GRADOS, Zabaleta Building D1

SHORT TRAINING COURSE: *THE ICHNOLOGICAL RECORD AS A TOOL TO ASSESS DIFFERENT ORDER BIO-EVENTS*

HOOR	
9:00 – 12:00	An introduction to ichnology. Francisco J. Rodríguez-Tovar
Break	
12:30 – 13:30	The use of ichnology to approach environmental conditions before, during and after bio-events with special interest to oceanic anoxic events. Francisco J. Rodríguez-Tovar
Lunch time	
15:30 – 16:30	The use of ichnology to approach environmental conditions before, during and after bio-events with special interest to oceanic anoxic events. Francisco J. Rodríguez-Tovar
Break	
17:00 – 19:00	Digital image treatment for ichnofabric characterization in sediment cores. Javier Dorador

Thursday, October 5th, 2017

SALÓN DE GRADOS, Zabaleta Building D1

ORAL PRESENTATIONS INTERNATIONAL WORKSHOP - TOAE

HOUR	
8:00 – 9:00	Registration
9:00	Open ceremony
Session Oral Presentations. Chairs: <i>Vladimir Simo and Bryony Caswell</i>	
9:30 – 9:45	<i>Organic and inorganic chemostratigraphic records across the Toarcian Oceanic Anoxic Event in SW Germany.</i> Hougaard, I.W. , Bojesen-Koefoed, J., Edward, O., Rizzi, M., Ullmann, C.V., Korte, D.
9:45 – 10:00	<i>Carbonate platform response to the Toarcian Oceanic Anoxic Event in the Tibetan Himalaya: Implications for environmental change and biotic platform demise.</i> Han, Z. , Hu, C., Kemp, D., Li, J.
10:00 – 10:15	<i>Astronomical calibration of the Pliensbachian –Toarcian boundary Event and Polymorphum Zone: implications for palaeoceanographic reconstructions in the Issouka section, Middle Atlas, Morocco.</i> Ait-Itto, F.Z. , Martinez, M., Price, G.D., Ait Addi, A.
10:15 – 10:30	<i>Body size dynamics of belemnites during the uppermost Pliensbachian-Early Toarcian from the Peniche section (Lusitanian Basin, Portugal).</i> Rita, P. , De Baets, K., Duarte, L.V.
10:30 – 10:45	<i>Body size trends of brachiopods and bivalves at the early Toarcian (Early Jurassic) extinction event in the Lusitanian Basin, Portugal.</i> Piazza, V. , Aberhan, M., Duarte, L.V.
10:45 – 11:00	<i>Ichnofossil assemblages of deepwater hemipelagic marly bioturbated limestones of Fleckenmergel (Pliensbachian-Toarcian) lithofacies from the Central Western Carpathians.</i> Simo, V.
Coffee break	
11:30 – 12:30	Plenary lecture: Changing perceptions of the Toarcian Oceanic Anoxic Event; past, present, and future research questions and directions. Stephen P. Hesselbo
Session Oral Presentations. Chairs: <i>Alice Giannetti and Patricia Rita</i>	
12:30 – 12:45	<i>The Lower Jurassic D13C and D18O curves, from the easterly margin of the epicontinental Tethys Ocean (Balkan Mountains, NW Bulgaria).</i> Pugh, A.C. , Little, C.T.S., Wignall, P.B., Newton, R.J., Savov, I., Metodiev, L., Riding, J.B., Korte, C.
12:45 – 13:00	<i>Marine ecosystem resilience and palaeoecological dynamics of seafloor ecosystems during the Early Jurassic oceanic anoxic event.</i> Caswell, B.A. , Frid, C.L.J.

13:00 – 13:15	<i>Carbonate geochemistry in the upper Pliensbachian and Toarcian of the Mochras core (NW Wales).</i> Ullmann, C. , Hesselbo, S.P., Riding, J.B.
13:15 – 13:30	<i>Radiolarian content, fossil traces and REE reveal general bottom anoxia in the Kermanshah Radiolarite Basin (West Iran) during the Pliensbachian-early Toarcian.</i> Abdi, A. , Bádenas, B., Gharaie, M.H.M.

Lunch break

Session Oral Presentations. Chairs: <i>José Miguel Molina and Wolfgang Rübsam</i>	
15:30 – 15:45	<i>Calcareous nannofossil biostratigraphy and paleoceanography across the Toarcian Oceanic Anoxic Event cored at Colle di Sogno (Lombardy Basin, Northern Italy).</i> Visentin, S. , Reolon, D., Faucher, G., Erba, E.
15:45 – 16:00	<i>Automated mineral particle analysis and geochemistry of the Early Jurassic Posidonienschiefer from the Lower Saxony Basin, NW Germany.</i> Celestino, R.F.S. , Ruhl, M., Dickson, A., Jenkyns, H.C., Idiz, E., Huggett, J., Mattioli, E., Minisini, D., Weijers, J., Tegelaar, E., Hesselbo, S.P.
16:00 – 16:15	<i>High-resolution benthic microfossil records of changing bottom-water oxygenation within sedimentary cycles of the Early Jurassic Blue Lias Formation, Dorset, SW England.</i> Boomer, I., Castañeda, J.P.
16:15 – 16:30	<i>A high-precision numerical time scale for the Toarcian Stage: implications for timing of the marine Toarcian Oceanic Anoxic Event (T-OAE) and Karoo-Ferrar Volcanism.</i> Ruhl, M. , Hesselbo, S.P., Xu, W., Thibaout, N., Jenkyns, H.C., Al Suwaidi, A., Storm, M., Riding, J.B., Ullmann, C.V.
Poster session and coffee break	
Session Oral Presentations. Chairs: <i>Clemens Ullmann and Michal Ruhl</i>	
17:30 – 17:45	<i>Can clumped isotopes be used to study the Toarcian Anoxic Event?</i> Fernández, A. , Korte, C., Ullmann, C.V., Bernasconi, S.M.
17:45 – 18:00	<i>The palynological response to the Toarcian Oceanic Anoxic Event (T-OAE) in the Lusitanian Basin, Portugal.</i> Correia, V. , Riding, J.B., Duarte, L.V., Fernandes, P., Pereira, Z.
18:00 – 18:15	<i>Palynology and organic geochemistry of the Pliensbachian-Toarcian transition in Traras Mountains (Benzerka section, North Algeria).</i> Samar, L. , Marok, A.
18:15 – 18:30	<i>Phytoplankton community dynamics during the Early Toarcian Oceanic Anoxic Event deduced from high-resolution biomarker investigations.</i> Rübsam, W. , Schwark, L.

19:30h GUIDED TOUR OF JAÉN

21:00h CONGRESS DINNER

POSTER PRESENTATIONS

First record of volcanism in western border of Neo-tethys, Kermanshah Radiolarite Basin (Iran), during the Pliensbachian-Early Toarcian

Abdi, A., Gharaiie, M.H.M., Bádenas, B., Amini, S., Toodekesht, S.

Geochemical disturbance and paleoenvironmental changes during the Pliensbachian-Toarcian boundary in the Northern Margin of Gondwana, Issouka, Middle Atlas, Morocco. **Ait-Itto, F.-Z.**, Price, G.D., Ait Addi, A., Chafiki, D., Mannani, I.

The lower Toarcian Calyptoria community, an Arab-Madagascan brachiopods dispersal episode prior to the Early Toarcian Mass Extinction Event. **Baeza-Carratalá, J.F.**, García Joral, F., Goy, A., Tent-Manclús, J.E.

A resilient deep-water brachiopod assemblage from La Cerradura (Betic Range). Significance for the adaptive strategies around the Early Toarcian Mass Extinction Event. **Baeza-Carratalá, J.F.**, Reolid, M., García Joral, F.

Celestine concretions associated to Early Toarcian cold seeps at the South Iberian Palaeomargin: Petrological, mineralogical and geochemical characteristics. Benito, M.I., **Abad, I.**, Reolid, M.

New evidence of brachiopods extinction and recovery linked to the Early Toarcian mass extinction event in the Castilian Branch of the Iberian Range (Valencia, Eastern Spain). **Giannetti, A.**, Baeza-Carratalá, J.F., Sánchez-Hernández, H., Tent-Manclús, J.E., García Joral, F.

Foraminifera and geochemistry of the Upper Pliensbachian – Lower Toarcian in different facial sections of the NE Siberia. Glinskikh, L., **Radevich, A.**; Nikitenko, B.

Early Toarcian foraminiferal events in the Central Sector of the Iberian Range (Spain) where neither black shales nor foraminifera mass extinction are recorded. **Herrero, C.**

Contextualising the Toarcian Oceanic Anoxic Event (T-OAE) through the study of comparable Early Jurassic climate events from outcrop and core. **Hudson, A.J.L.**, Ullmann, C.V., Huggett, J.M., Riding, J.B., Leng, M.J., Hesselbo, S.P.

Long- and short-term seawater temperature evolution across the Toarcian Oceanic Anoxic Event in the Aubach section, Wutach area, SW Germany. **Korte, C.**, Ullmann, C.V., Frederiksen, J.A., Frei, R., Hougaard, I.W., Rizzi, M.

Calcareous nannofossils, lithofacies and geochemistry from hemipelagic Toarcian of the Median Subbetic (South Iberian Palaeomargin). Mattioli, E., **Reolid, M.**, Abad, I.

Calcareous tempestites and internalites in the Toarcian of the Subbetic (Betic Cordillera, Spain). **Molina, J.M.**, Nieto, L.M., Reolid, M.

Microfossils assemblages for interpreting the incidence of the T-OAE in the South Iberian Palaeomargin (External Subbetic, SE Spain). **Reolid, M.**

Abundance of fossil charcoal across the Early Toarcian Oceanic Anoxic Event in the Fom Tillicht section, central High Atlas Basin (Morocco). **Rodrigues, B.**, Silva, R.L., Duarte, L.V., Sadki, D., Wach, G., Mendonça Filho, J.G.

Palaeoenvironment and morphology of the foraminifera of the Upper Domerian-Lower Toarcian of Benia (Tiaret, Western Algeria). **Sebane, A.**, Touahria, A.

Turnover of ostracod fauna at Pliensbachian-Toarcian transition of the Traras Mountains (Tlemcen Domain, North Algeria). **Soulimane, C.**, Marok, A., Reolid, M.

Biostratigraphic overview on the Toarcian of Djebel Es-Safeh (Nador Mountains, Tiaret, Western Algeria). Touahria, A. Douas Bengoudira, F., **Sebane, A.**

Friday, October 6th, 2017

8:30h: Fieldtrip to External Subbetic

Saturday, October 7th, 2017

9:00h: Fieldtrip to External and Median Subbetic



CENTRO DE ESTUDIOS
AVANZADOS EN
CIENCIAS DE LA TIERRA



Universidad de Jaén



IUGS

International Union of Geological Sciences



United Nations
Educational, Scientific and
Cultural Organization



How to arrive to the University of Jaén?

For coming to Jaén the best choice is to either:

- Fly to Federico García Lorca Granada-Jaén Airport (www.aena.es, which is 98 km away from Jaén), then take the airport bus to airport bus to Granada's bus station and finally take an Alsa Bus to Jaén (www.alsa.es, tickets can be bought online).
- Fly to Malaga Airport (www.aena.es, which is 217 km away from Jaén), then take the airport bus/train to Malaga's bus station, and finally take an Alsa Bus to Jaén (or, if the timetables do not fit you, take the Bus to Granada and finally to Jaén).
- Fly to Madrid-Barajas Airport (www.aena.es, which is 346 km away from Jaén), then take a taxi or metro (subway) to Atocha or Chamartín Renfe train stations (www.metromadrid.es), and finally take a train to Jaén (www.renfe.es, tickets can be bought online).

Once you arrive to Jaén:

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- Bus line 9
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