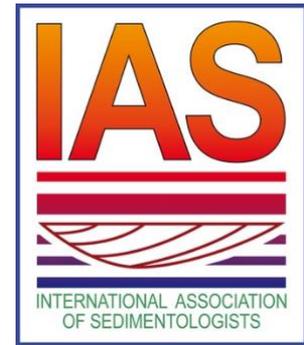


# The Newsletter of the International Association of Sedimentologists

Issue 3, 2020



Dear IAS Members,

Welcome to the March issue of the IAS Newsletter. The 31<sup>st</sup> of March sees a number of important deadlines for our Members:

- Nominations close for the Johannes Walther, Early-Career Scientist Awards and Sun Shu Prizes.
- Applications for the IAS MSc Fieldwork, Postgraduate, Postdoctoral and Institutional Grants close.

Please get your nominations and applications in to us as soon as possible – further details are given in the Newsletter.

As a reminder, the IAS is a registered not-for-profit organisation working to promote the broad field of sedimentology and support sedimentologists in both academia and industry. Simply put, we are our members! Get involved!

As always, please feel free to distribute this newsletter amongst those of your colleagues who have yet to realise the fabulous benefits of membership of the IAS!

On behalf of the Society I wish you and yours continued safety and good health.

On behalf of the IAS Bureau,

Stephen Lokier  
*General Secretary*

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## A message from Daniel Ariztegui, President of the IAS

I hope this message finds you and your families safe and healthy. As you have already learnt through different social media and multiple e-mails from the organisers, the planned 35th IAS Meeting of Sedimentology has been postponed.

We are very sorry about this cancellation but also persuaded that under the dramatic circumstances that the world is going through these days it was the safest thing to do.

The Prague team has already announced that the meeting is now re-scheduled between 22-24 June 2021 and that those participants already registered can maintain their registration or request a reimbursement under clearly explained and transparent conditions.

The IAS bureau fully support the Prague organisers for their reactivity and invaluable efforts, time and for the financial investment that they made so far and will closely monitor plausible financial losses that they have to face. We also thank the sedimentological community for their understanding and solidarity with the organisers under these special circumstances. We will continue working remotely to keep providing the association benefits (grants, journals etc.) to our community

*Daniel Ariztegui, President of the IAS*

## Membership with BENEFITS!

Membership of the IAS provides benefits to you and to our community via the many and diverse sponsorship schemes of the IAS.

You can find a complete list of the benefits of membership on the IAS [website](#).

You can make a significant saving by becoming a full member for 5 years at a cost of only €100 or, for those of a younger persuasion (!), why not consider taking out a lifetime membership?

When renewing, please consider helping us reduce our environmental footprint by opting-out of receiving printed copies of *Sedimentology*. Choose this option under the Membership section of *My Profile* on the IAS web site – as well as the environmental aspect, all money saved on printing is, of course, ploughed back into the sponsorship activities of the IAS.

STUDENT	FULL
10€	25€
<b>INCLUDED</b>	<b>INCLUDED</b>
1 Year IAS Membership	1 Year IAS Membership
Online Sedimentology, Basin Research, SP's older than 5 years	Online Sedimentology, Basin Research, SP's older than 5 years
Travel Grants, Postgraduate Grants	Post-doctoral Grants, Institutional Grants
Reduction for IAS Conferences, Printed SP's	Reduction for IAS Conferences, Printed SP's
Members Directory, Additional Content, Newsletter	Members Directory, Additional Content, Newsletter
<b>OPTIONAL</b>	<b>OPTIONAL</b>
Printed Sedimentology +10€	Multiple years at reduced fee
Online Petroleum Geology +45€	Printed Sedimentology +10€
Online + Printed Petroleum Geology +50€	Online Petroleum Geology +45€
Friendship Scheme Sponsor +15€	Online + Printed Petroleum Geology +50€
	Friendship Scheme Sponsor +15€
<a href="#">Read more</a>	<a href="#">Read more</a>

## Nominations close on 31<sup>st</sup> March for the:

### IAS Johannes Walther Award IAS Early-Career Scientist Award IAS Sun Shu Prizes

You only have a few days left to nominate colleagues for the [Johannes Walther](#), [Early-Career Scientist Awards](#) and [Sun Shu Prizes](#) of the IAS.

The Early-Career Scientist Award is awarded to recognise contributions and potential of outstanding early-career scientists working in any area of sedimentology. The award is also given once every 2 years.

The Johannes Walther Award is awarded to scientists at any stage in their career who are considered to have made a significant impact in the field of sedimentology. The award is given once every 2 years.

The recently-announced IAS Sun Shu Prizes are awarded to recognise outstanding work in the field of sedimentology. Candidates shall be Full Members of the IAS aged between 35-45 years old at the date of the submission deadline. The prizes are awarded every two years to:

- I. A Chinese scientist (SUN SHU Prize China) and
- II. An international scientist (SUN SHU Prize International).

The award consists of prize money of €1,300 EUR and the SUN SHU medal. Winners will also be offered full membership of IAS for 2 years.

Full details of all prizes, together with nomination guidelines can be found [here](#).



## **New dates for the 35<sup>th</sup> IMS, Prague Czech Republic – get them in your calendar now!**

As you will all be aware, the ongoing global health crises has resulted in the postponement of the 35<sup>th</sup> IMS that was to have been held in Prague, Czech Republic in June 2020. This was not an easy decision for the IAS and Meeting Organisers but the health, safety and well-being of the conference participants – delegates, organisers, staff, exhibitors and guests must take priority.



We now have some very good news. We are delighted to announce that the Prague IMS has been fully rescheduled and will take place between the 22<sup>nd</sup> – 24<sup>th</sup> of June, 2021. Get those dates into your diary right now – we have a feeling 2021 is going to be a busy summer!

Details of the rescheduling, program and other information are available on the [meeting website](#).

See you in Prague in 2021!

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### **Get to know the IAS Early Career Scientists Committee Member Amanda Oehlert**

In my research, I aim to integrate sedimentological, geochemical, and geobiological perspectives to better constrain the dynamic evolution and significance of geochemical signatures in marine carbonates through Earth history.

I completed my undergraduate studies at the University of Illinois at Urbana-Champaign before pursuing my doctorate in Marine Geology and Geophysics at the Rosenstiel School of Marine and Atmospheric Sciences at the University of Miami, where I investigated sedimentological, stratigraphic, and paleoclimatic controls on carbon isotope records in marine carbonates.

Following my PhD, I worked in industry as a regional exploration geologist at BP. I returned to academia in 2017 as an Agouron Institute Geobiology Post-Doctoral Fellow at the Bahamas Marine EcoCentre. I am currently an Assistant Professor in the Department of Marine Geosciences at RSMAS, where I am investigating biogeochemical signatures in marine carbonates, continental evaporites, and dust.

*Amanda Oehlert*

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## Follow the IAS journals on Twitter

All of the journals of the IAS are now active on Twitter.

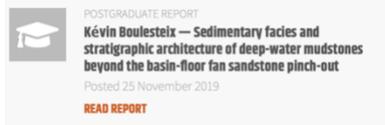
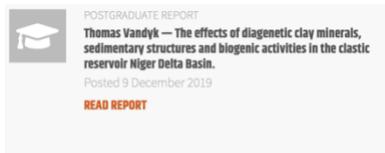
Stay up to date on the latest happenings in @sedimentology by following the IAS journals:

@JSedimentology, @DepositRecord, @BasinResearch.



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## Grant Reports on the IAS web site



The IAS supports postgraduate and post-doctoral scientists via our grant schemes.

You can read all present and past Grant Reports from IAS members who have benefited from [Post-Doctoral](#) or [Post-Graduate](#) grants [here](#).

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## IAS Special Lecture Tour report

### Adrian Immenhauser visits the Hungarian Academy of Sciences and the Institute of Geography and Geology of Eötvös L. University (ELTE), Budapest

The visit was sponsored by IAS and jointly organized by the Sedimentological Subcommittee of the Hungarian Academy of Sciences and the Institute of Geography and Geology of Eötvös L. University (ELTE), Budapest. Financial support to cover the local expenses related to Prof. Immenhauser's visit was provided by the Papp Simon Foundation (field-trip) and the Hungarian Academy of Sciences.

Prof. Immenhauser delivered two lectures to undergraduates and PhD students) and staff members of the University. The first lecture was titled *Quantitative carbonate diagenesis* while the second was *Aptian oceanic anoxia - The shallow marine perspective*. Additional participants at the lectures were interested members of the Sedimentological Subcommittee and some people from the petroleum industry (MOL). The average number of people present at the lectures was 25 to 30.





On the 21<sup>st</sup> of November Prof. Immenhauser joined us for a field trip to the Geological Park of Tata where Mesozoic carbonate depositional sequences characteristic of the Transdanubian Range are well exposed. These sections comprise a drowning unconformity, with unusually well-developed dissolution cavities filled by several generations of marine cement and infiltrated sediments, from the end of the Late Triassic. We also observed an upward-deepening pelagic Ammonitico Rosso sequence representing the Jurassic and the early Cretaceous; a submarine unconformity with a peculiar glauconitic-

phosphatic hardground spanning an interval from the very early Cretaceous to the early Aptian and covered by Aptian crinoidal limestone. The field guides were Prof. J. Haas and A. Mindszenty

The field visit was followed by lunch in a local restaurant on the lakeside of Tata and, in the evening, by a concert at the Academy of Music of Budapest.

Thanks are due to the IAS for having sponsored Prof. Immenhauser's visit to Hungary, and to Prof. Immenhauser himself, who shared with the audience and with the staff-members his outstanding knowledge and experience! Particularly instructive and enjoyable was the field-trip where we could hear him commenting on the observed phenomena.

*Andrea Mindszenty  
(Hungarian National Correspondent to the IAS)*

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## IAS Sponsored Meeting report – Tracking Ichnologists!

### 3<sup>rd</sup> International Conference of Continental Ichnology 2019 Halle (Saale), Germany



The 3<sup>rd</sup> International Conference of Continental Ichnology (ICCI) was hosted by the Natural Sciences Collections (Zentralmagazin Naturwissenschaftlicher Sammlungen, ZNS) of the Martin Luther University Halle-Wittenberg (Germany) from October 23<sup>rd</sup> – October 29<sup>th</sup>. It was the first ICCI outside of Africa. The international delegation included 41 palaeontologists and biologists from 19 countries. About every fourth delegate was a student or PhD student. The workshops on *Tetrapod ichnotaphonomy and ichnotaxonomy* (Lorenzo Marchetti) and *Analysis of tetrapod trackway data* (Michael Buchwitz) went down well with both, early career scientists and senior trace fossil specialists. Eleven delegates attended each workshop.



The stimulating conference programme included keynote talks by Prof Peter Falkingham (Liverpool John Moores University, UK), Prof Maria Gabriela Mangano (University of Saskatchewan, Kanada), Prof Christian Meyer (University of Basel, Switzerland), and Prof John Nyakatura (Humboldt University Berlin, Germany). Apart from the oral presentation format (20 minutes), lightning poster

presentations (5 minutes) contributed to the exchange of scientific discoveries among scientists of all career levels.

After the afternoon sessions, several cultural highlights such as guided tours in the Eocene Geiseltal Collection (excellently preserved body and trace fossils in lignite), in the spectacular State Museum of Prehistory in Halle as well as an in the extensive zoological collection of the ZNS, guided by its head of department Dr Frank Steinheimer were offered.



The field trip covered eleven important continental ichnofossil sites from Early Permian through the Early Cretaceous of central and northern Germany as well as two museum collections (Schleusingen, Gotha). Highlighted stops are the tetrapod track- and fossil-bearing Bromacker Quarries (Artinskian, Permian), the tetrapod tracks in the Solvay open cast mine Bernburg (Muschelkalk, Triassic) and the Wealden Facies hosted sauropod, ornithopod and theropod dinosaur trackways of the natural monument *Naturdenkmal Saurierfährten Münchehagen* (Berriasian, Cretaceous). The field trip emphasised the rich trace fossil localities in Germany, and laid the foundation of upcoming international research projects.

Detailed information about the topics of all presentations as well as the about all field trip stops can be found in our open access abstract book and field trip guide. It is available for [download on our website](#).

The organising committee; Michael Buchwitz (Museum of Natural History Magdeburg), Daniel Falk (University College Cork), Hendrik Klein (Saurierwelt Paläontologisches Museum Neumarkt) and Oliver Wings (ZNS) is grateful to all quarry owners, museum directors, curators, volunteers and sponsors.

*Daniel Falk*

## IAS National Correspondents

IAS [National Correspondents](#) regularly post news on all things sedimentological via the IAS web site. Check out the [News Feed](#) to see what is happening in your local community. At this link you will also be able to select your correspondent and even elect to receive information from multiple correspondents.

IAS [National Correspondents](#) are IAS Members who have volunteered to act as a representative between sedimentologists in their host country and the IAS. If you know of any sedimentology events going on in your country, then please get in touch with your National Correspondent and let them know. Similarly, if your country lacks a National Correspondent ([see the map here](#)) and you would like to propose an IAS Member (Full or Student), or yourself, for this position then please send an email to the [General Secretary](#).

 <p>ARGENTINA RAS 2020 - Conference update Posted 29 November 2019 <a href="#">READ MORE</a></p>	 <p>MALAYSIA 2nd International Conference on Earth Resources (ICER2020): Geoscience for Sustainable Future Posted 29 November 2019 <a href="#">READ MORE</a></p>
 <p>ISRAEL Israel Geological Society Annual Meeting – March 2020 Posted 29 November 2019 <a href="#">READ MORE</a></p>	 <p>CANADA Coastal Zone Canada Iqaluit 2020 conference Posted 29 November 2019 <a href="#">READ MORE</a></p>
 <p>UNITED KINGDOM BSRG 2019 – Field trips and workshops Posted 22 November 2019 <a href="#">READ MORE</a></p>	 <p>INDIA 36th International Geological congress (2-8 March 2020, Delhi, India) Posted 22 November 2019 <a href="#">READ MORE</a></p>
 <p>ITALY Tidalltes 2020 - 10th INTERNATIONAL CONGRESS OF TIDAL SEDIMENTOLOGY Posted 22 November 2019 <a href="#">READ MORE</a></p>	 <p>SAUDI ARABIA Core Workshop "Source Rock Sequences of Arabia" at GEO2020, Bahrain (Integrated core and poster display of Arabia's major source rock sequences) Posted 22 November 2019 <a href="#">READ MORE</a></p>
 <p>CANADA GeoConvention, May 11-13, 2020, Calgary (Alberta) Posted 22 November 2019 <a href="#">READ MORE</a></p>	 <p>RUSSIA Lithological Meeting "Geology of Reefs" Posted 18 November 2019 <a href="#">READ MORE</a></p>

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## Deadline 31<sup>st</sup> March 2020 - for the Judith McKenzie Field Work Award

The [Judith McKenzie Field Work Award](#) aims to promote sedimentological field observations for the newest generation of Earth Scientists – MSc Students.

Up to 5 awards of €300 each, will be awarded twice per year to IAS student members. Since the award is only available for MSc students, proof of student status will be required. The awardee shall also receive a one-year IAS student membership, upon submission of their MSc thesis.

Applicants should apply for the Judith McKenzie Field Work Award via the [IAS website here](#). The application requires submission of a grant proposal (written by the student) with budget and CV (template provided on the submission webpage), and a signed letter of recommendation from the student's supervisor.



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## **Deadline 31<sup>st</sup> March 2020 - applications for IAS Post-Doctoral Research Grants (Autumn 2019 Session)**

**IAS Post-Doctoral Research Grants** are intended as a seed to assist Early-Career post-doctoral researchers in either establishing a proof of concept, in order to support applications to national research funding bodies, or to fund areas of a project that were not included in the original project scope.

Up to 4 grants, each to a maximum of €2,500, are awarded twice per year to Early Career IAS members.

The application requires submission of a research proposal with budget and CV (template provided on the [submission webpage](#)), and a letter of support from the researcher's supervisor, line manager or Head of School. More details about the application procedure can be found on your membership profile.

Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

Eligibility:

- Applicants must be full members of the IAS.
- Applicants must have secured their Ph.D. within the previous 7 years.
- Applicants can only benefit from a Post-Doctoral grant on one occasion.

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## **Deadline 31<sup>st</sup> March 2020 - applications for Post-Graduate Research Grants (Autumn 2019 Session)**

Up to **10 research grants**, each to a maximum of €1,000, are awarded twice a year to **IAS Post-Graduate Student Members**. This grant scheme is designed to support PhD students in their studies and research. Post-Graduate Research Grants can be used to (co-)finance fieldwork, acquisition and analysis of data, visits to other institutes to use specialized facilities, etc.

Applications must be submitted via the [IAS website](#). Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

More information about the Post-Graduate Grant Scheme and guidelines on how to apply can be found on your membership profile.

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## **Deadline 31<sup>st</sup> March 2020 - applications for Institutional Grants (Autumn 2019 Session)**

Twice a year, IAS awards an **Institutional Grant** of maximum 10,000 Euro, which is intended to support capacity building initiatives in less developed countries (LDCs). Grants will allow earth science departments in LDCs to acquire durable sedimentological equipment for teaching and research, or tools that can be used by all geology students. The grant application should thus clearly demonstrate how the grant will increase the recipient's capacity to teach sedimentology at undergraduate level in a sustainable way.

Applications have to be submitted via the [IAS website](#). Application deadline for the Autumn 2019 Session is **30<sup>th</sup> September 2019**.

More information about the Institutional Grant Scheme and guidelines on how to apply can be found on your membership profile.

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## News from our journals

For a quick overview of the latest issues of **Sedimentology**, **Basin Research** and **The Depositional Record**, follow these links:

- **Sedimentology**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **Basin Research**: directly at [Wiley](#) or via the [IAS website](#) (after login) for member access
- **The Depositional Record**: directly at [Wiley](#) or via the [IAS website](#)

You can also keep track of all newly published articles on the continuously updated [members-only News Timeline](#) on the IAS website.

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## The IAS on Facebook, Twitter, WeChat and LinkedIn!

The IAS is very active on [Facebook](#), [Twitter](#), [WeChat](#) and [LinkedIn](#)

Follow us [@sedimentology](#) and [IAS沉积学之家](#) to keep up to date with all things sedimentological.

