

IADIS NEWSLETTER

July 2023 - Issue 18



Upcoming events

October 2023 in Madeira with CELDA, ICWI and AC

The [20th International Conference on Cognition and Exploratory Learning in Digital Age](#) (CELDA 2023), the [22nd International Conference WWW/Internet](#) (ICWI 2023) and the [20th International Conference Applied Computing](#) (AC 2023) will be hosted in Funchal, Madeira, Portugal from 21 to 23 October 2023.

CELDA 2023 - <http://www.celda-conf.org/>

The CELDA conference aims to address the main issues concerned with evolving learning processes and supporting pedagogies and applications in the digital age. There have been advances in both cognitive psychology and computing that have affected the educational arena. The convergence of these two disciplines is increasing at a fast pace and affecting academia and professional practice in many ways.

ICWI 2023 - <http://www.internet-conf.org/>

The WWW/Internet 2023 Conference aims to address the main issues of concern within WWW/Internet. WWW and Internet had a huge development in recent years. Aspects of concern are no longer just technical anymore but other aspects have arisen. This conference aims to cover both technological as well as non-technological issues related to these developments.

AC 2023 - <https://www.computing-conf.org/>

The Applied Computing 2023 conference aims to address the main issues of concern within the applied computing area and related fields. This conference covers essentially technical aspects. The applied computing field is divided into more detailed areas.

- » The official language is English
- » All conferences are blind peer-reviewed
- » The papers will be published in book and electronic format with ISBN
- » The papers will be made available through the Digital Library available at:
<http://www.iadisportal.org/digital-library/showsearch>

The best paper authors will be invited to publish extended versions of their papers in the IADIS Journal on Computer Science and Information Systems that is indexed by Emerging Sources Citation Index (Thomson Reuters), the IADIS International Journal on WWW/Internet and other selected International Journals and publications.

For detailed information on the conferences' dates and specific topics, please access each conference webpage.

*** Important Dates (Last Call For Papers):**

- Submission Deadline (Last CFP): 21 August 2023
- Notification to Authors (Last CFP): 18 September 2023
- Final Camera-Ready Submission and Early Registration (Last CFP): Until 28 September 2023
- Late Registration (Last CFP): After 28 September 2023
- Conference: 21 – 23 October 2023

Join us and share your work with researchers from all over the world!



IBERO-AMERICAN CONFERENCES 2023

Funchal, Madeira (Portugal) hosts this year's editions of the IADIS [Ibero-American conference WWW/Internet](#) (CIAWI 2023) and [Applied Computing](#) (CIACA 2023) from 22 -23 October 2023.

CIAWI 2023 - <https://ciawi-conf.org/>

IADIS Ibero-American conference WWW/Internet addresses the main aspects of the WWW/Internet, approaching both technological and non-technological features.

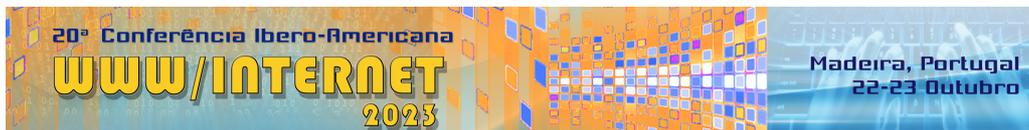
CIACA 2023 - <https://ciaca-conf.org/>

The IADIS Ibero-American conference Applied Computing aims to present significant research within the applied computing context, addressing topics that are essentially technical.

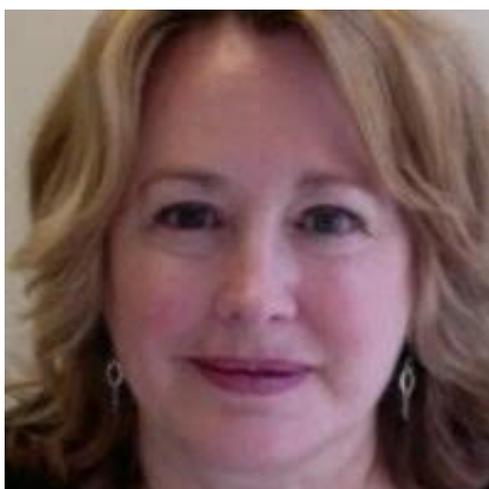
Every year these conferences join together Portuguese and Spanish speaking researchers and practitioners. Contributions to these conferences must be either in Portuguese or in Spanish, the official languages of the conferences.

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Keynote Speaker's Corner



Professor Barbara Wasson
Director, Centre for the Science of
Learning & Technology, Norway

Keynote speaker

CELDA 2023

**21-23 October, Funchal,
Madeira Island, Portugal**
<https://www.celda-conf.org/>

Professor Dr. Barbara Wasson is Director of the Centre for The Science of Learning and Technology (SLATE), the Norwegian national centre for learning analytics. She was one of the founders of Kaleidoscope, a European Network of Excellence on Technology Enhanced Learning. Wasson is/has been PI for numerous national and international projects, including the Erasmus+ project DALI: Data Literacy for Citizens. Currently she is a member of the Norwegian Ministry of Education's Expert group on Learning Analytics, the Council of Europe Expert Group on AI in Education, and Norway's representative to the European School Net's Data Interest Group. Her research interests include learning analytics, AI and education, learning games, e-assessment, teacher inquiry, and data literacy.

“Implementing Learning Analytics in Norway”

Abstract:

Research in the field of Learning Analytics and Knowledge has thrived over the past 12 years, yet its impact on education remains limited. Why is it so hard to implement learning analytics in education? This talk shares the efforts made by the Norwegian Ministry of Education's expert commission to address the technological, pedagogical, ethical, and legal aspects of the use of learning analytics and adaptive systems in the Norwegian educational sector. The commission's findings include four dilemmas associated with the use of these systems, as well as recommendations for the government regarding the use of pupil and student data for learning analytics and adaptive learning systems. Drawing upon my own research projects and my personal experience as part of the commission, this talk provides valuable insights into the complex challenges surrounding learning analytics implementation in education.

Keynote Speaker's Corner

Professor Sean Siqueira

Department of Applied Informatics, Federal University of the State of Rio de Janeiro (UNIRIO), Brazil

Keynote speaker

ICWI and AC 2023

**21-23 October, Funchal,
Madeira Island, Portugal**

<https://www.internet-conf.org/>

<https://www.computing-conf.org/>



Sean Wolfgang Matsui Siqueira is a Full Professor at the Department of Applied Informatics, Federal University of the State of Rio de Janeiro (UNIRIO), Brazil. He holds a M.Sc. (1999) and a Ph.D. (2005) in Computer Science, both from the Pontifical Catholic University of Rio de Janeiro (PUC-Rio), Brazil. He has experience in the Computer Science area, with a focus on Web Science, Information Systems and Technology Enhanced Learning. His current research interest is on Searching as a Learning Process; Information, Disinformation, and Misinformation on the Web; and Computer Science Ethics. He has participated in some international research projects and has written more than 130 papers for conferences, journals, and book chapters. He was the coordinator of the Graduate Program in Information Systems at UNIRIO from July 2012 to September 2014, the coordinator of the Program Committees of the Brazilian Symposium on Information Systems (SBSI 2015 and SBSI 2021), the Brazilian Symposium on Computers and Education (SBIE 2012 and SBIE 2014), member of the steering committee of the Brazilian Congress of Computers and Education (CBIE 2015), co-editor-in-chief of the iSYS: Brazilian Journal of Information Systems (2012-2016) as well as the Brazilian Journal on Computers in Education (2016-2018), and member of the special committee on Computers in Education (CEIE) (2014-2018, 2021) and of the special committee on Information Systems (CESI) (2015-2022), both from the Brazilian Computer Society.

“Back to the Differences: Rethinking information search (and recommendation) on the web”

Abstract:

In this talk, I bring some thoughts on our responsibility as researchers of web technologies, from the perspective of dealing with web information, on building a better society. The concept of information is going to be revisited from the perspective of systems thinkers. The focus on the right piece of information for delivering to the users is going to be questioned. Looking for similarity patterns, the traditional information retrieval and recommendation algorithms are leading to distortions, such as echo chambers and filter bubbles. Our research on searching as a learning process allowed me to have a glimpse of possible new directions. Then, I will summarize our journey on the relationships between information retrieval, information behavior and human learning. Finally, I will share my vision of how we could deal with web information, suggesting a research agenda.

Latest from the media

[Embracing AI And Natural Language Interfaces](#) - Forbes

[Gamifying Your Workforce: How to Make Employee Engagement Fun](#) - Business News

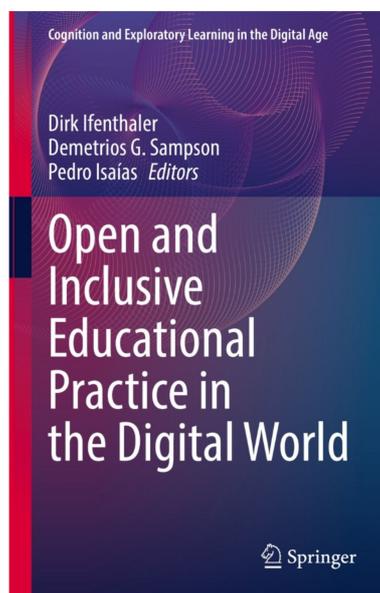
Daily

[The Power of Lifelong Learning: Essential Business Tips](#) - english.newstracklive.com
[The Digital Game Changer: How Blockchain and AI are Revolutionizing Esports](#) - Sportswallah
[Robotics—An Extension of The Ongoing Digital Transformation](#) - Forbes
[Emerging Tech Trends: From the Internet of Things to Edge Computing](#) - ftnNews
[What is artificial intelligence? Experts weigh in](#) - abc News

Recommended Reading

Open and Inclusive Educational Practice in the Digital World

Editors: Dirk Ifenthaler, Demetrios G. Sampson, Pedro Isaías



This book is about inclusivity and open education in the digital age. It reports the latest data on this topic from the 2021 [Cognition and Exploratory Learning in the Digital Age \(CELDA\) conference](#). This annual conference focuses on challenges pertaining to the evolution of the learning process, the role of pedagogical approaches and the progress of technological innovation, in the context of the digital age.

The material in this book represents the work of both researchers and practitioners in an effort to cover both technological and pedagogical issues in ground-breaking studies. The book covers a wide array of topics examining the deployment of learning technologies, proposing pedagogical approaches and practices to address digital transformation, presenting case studies of specific technologies and contexts and overall debating the contribution of learning technologies for the improvement of the learning process and the experience of students and for the development of key competences. It represents the best work reported during [CELDA](#) 2021, comprising expanded peer reviewed

chapters from best papers focusing on open education models, inclusive learning environments and adaptive as well as personalized learning support.

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