



ETD 2024

27th International Symposium on Electronic Theses and Dissertations

**"Electronic Thesis and Dissertation
Visibility at a Global Scale"**

October 4-6, 2024

Livingstone, Zambia



This is the short version of the booklet for print use. Full abstracts with all authors, references, and figures can be found in the electronic version at <https://amcosconference.com/>

The open-source L^AT_EX template, AMCOS_booklet, used to generate this booklet is available at https://github.com/maximelucas/AMCOS_booklet

Contents

About	4
27th International Symposium on Electronic Theses and Dissertations	4
Local Conference Organizing committee	5
Programme committee	5
Timetable	6
Tuesday, 20 of March	6
Wednesday, 21 of March	7
Thursday, 22 of March	8
List of Abstracts – Talks	9
Tuesday 20th	9
Thursday 22nd	12
List of Posters	13
Tuesday Session	13
List of Participants	14
Useful Information	15
How to get to the PRBB?	15
Partner Institutions and Sponsors	17
Gold Sponsors	17
Silver Sponsors	17
Bronze Sponsors	17
Additional Sponsors	18

About

27th International Symposium on Electronic Theses and Dissertations

The 27th International Symposium on Electronic Theses and Dissertations (ETD 2024) aims to bring together global leaders and researchers working in the broad areas of digital libraries, institutional repositories scholarly research and electronic theses and dissertations. The theme of ETD 2024 is "ETD Visibility at a Global Scale", and will explore innovative approaches that make use of Electronic Theses and Dissertations (ETDs), including the use of modern-day Artificial Intelligence techniques such as Large Language Models and exploration of advances that will result in increased visibility of ETDs at a Global Scale.

Thank you so very much for coming to Livingstone Zambia to participate in the ETD 2024 conference events. We sincerely hope you enjoy the conference and your short stay in Livingstone, and, more importantly have productive and worthwhile discussions and meet new people!

Zikomo Kwambili!

Best Wishes
Lighton Phiri (Chair)

Local Conference Organizing committee

Lighton Phiri, UNZA	Denny Nsokolo, HEA	Francina Makondo, UNZA
Phyela Mbewe, UNZA	Thabiso Mwiinga, UNZA	Kaoma Daka, UNZA
Matildah Muchinga, LAMU	Stein Mkandawire, ZAMREN	Buumba Dubeka, ZCAS
Adrian Chisale, UNZA	Dokowe Tembo, ZCAS	Cecilia Kasonde, KNU
Habeenzu Mulunda, UNZA	Francis Kawesha, HEA	Fabian Kakana, UNZA
Brian Munkondya, MU	Elijah Chileshe, UNZA	Mpande Ntumbo, ZAMREN

Programme committee

Ana Pavani	Pontifícia Universidade Católica do Rio de Janeiro
Charles Greenberg	NDLTD
Edward Fox	Virginia Tech
Gabriela Mejias	DataCite
Hussein Suleman	University of Cape Town
Iryna Kuchma	EIFL
Jian Wu	Old Dominion University
Joachim Schöpfel	University of Lille
Lazarus Matizirofa	University of the Witwatersrand
Lighton Phiri	University of Zambia
Maïté Roux	ABES
Mirjana Brkovic	University of Novi Sad
Nabi Hasan	Indian Institute of Technology Delhi
Ramesh Gaur	Indira Gandhi National Centre for the Arts
Shantashree Sengupta	P.E.S Modern College of Arts Science and Commerce
Tainá Batista De Assis	Brazilian Institute of Information in Science and Technology
William Ingram	Virginia Polytechnic Institute and State University

Timetable

CT: Contributed Talk, IS: Invited Speaker, KL: Keynote Lecture, IT: Invited Talk.

Tuesday, 20 of March

8:30–9:00	Registration		
9:00–9:10	Welcome remarks		
9:10–10:05	KL	Leon Tremblay Montreal, Canada	Title of a keynote lecture
10:05–10:30	CT	Marc Fournier Brussels, Belgium	Title of contributed talk
10:30–11:00	Coffee		
11:00–11:40	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
11:40–12:45	CT	Marc Smith Brussels, Belgium	Title of contributed talk with math and paragraphs
12:45–14:00	Lunch		
14:00–14:30	CT	Marc Rodriguez Barcelona, Spain	Title of contributed talk with math and references
14:30–15:05	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
15:05–15:30	Coffee		
15:30–16:00	CT	Marc Jansen Amsterdam, The Netherlands	Title of contributed talk and references and a figure
16:00–17:10	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
17:10–19:30	Poster session with Wine & Cheese		

Wednesday, 21 of March

9:00-9:40	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
9:40-10:10	CT	Marc Fournier Brussels, Belgium	Title of contributed talk
10:10-12:45	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
10:45-11:10	Coffee		
11:10-11:40	CT	Marc Jansen Amsterdam, The Netherlands	Title of contributed talk and references and a figure
11:40-12:10	CT	Marc Jansen Amsterdam, The Netherlands	Title of contributed talk and references and a figure
12:10-12:45	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
12:45-14:00	Lunch		
14:00-14:30	CT	Marc Fournier Brussels, Belgium	Title of contributed talk
14:30-15:00	CT	Marc Fournier Brussels, Belgium	Title of contributed talk
16:30-18:00	Excursion		
20:00	Conference Dinner		

Thursday, 22 of March

9:00 – 9:40	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
9:40–10:20	IS	Hiroya Sato Tokyo, Japan	Title of invited speaker
10:20–10:45	IT	Franck Schmidt Munich, Germany	A Special Talk about Diversity in Science
10:45–11:10	Coffee		
11:10–11:40	CT	Marc Jansen Amsterdam, The Netherlands	Title of contributed talk and references and a figure
11:40–12:35	KL	Leon Tremblay Montreal, Canada	Title of a keynote lecture
12:35–12:45	Poster Prize & Conclusion		
12:45–14:00	Lunch		

List of Abstracts – Talks

Tuesday 20th

Title of a keynote lecture

L. Tremblay, McGill University, Montreal, Canada

KL

On recommend tolerably my belonging or am. Mutual has cannot beauty indeed now
sussex merely you. It possible no husbands jennings ye offended packages pleasant he.
Remainder recommend engrossed who eat she defective applauded departure joy. Get
dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every.
Luckily offered article led lasting country minutes nor old. Happen people things oh is
oppose up parish effect. Law handsome old outweigh humoured far appetite. Now
residence dashwoods she excellent you. Shade being under his bed her. Much read on as
draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but
confined day end marriage. Eagerness furniture set preserved far recommend. Did even
but nor are most gave hope. Secure active living depend son repair day ladies now.
Affronting discretion as do is announcing. Now months esteem oppose nearer enable too
six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices
between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile.
Vanity entire an chatty to.

Title of contributed talk

M. Fournier, Université Libre de Bruxelles, Brussels, Belgium

On recommend tolerably my belonging or am. Mutual has cannot beauty indeed now
sussex merely you. It possible no husbands jennings ye offended packages pleasant he.
Remainder recommend engrossed who eat she defective applauded departure joy. Get
dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every.
Luckily offered article led lasting country minutes nor old. Happen people things oh is
oppose up parish effect. Law handsome old outweigh humoured far appetite. Now
residence dashwoods she excellent you. Shade being under his bed her. Much read on as
draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but
confined day end marriage. Eagerness furniture set preserved far recommend. Did even
but nor are most gave hope. Secure active living depend son repair day ladies now.
Affronting discretion as do is announcing. Now months esteem oppose nearer enable too
six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices
between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile.
Vanity entire an chatty to.

Title of invited speaker

H. Sato, Tokyo Institute of Technology, Tokyo, Japan

IS

On recommend tolerably my belonging or am. Mutual has cannot beauty indeed now
sussex merely you. It possible no husbands jennings ye offended packages pleasant he.
Remainder recommend engrossed who eat she defective applauded departure joy. Get
dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every.
Luckily offered article led lasting country minutes nor old. Happen people things oh is
oppose up parish effect. Law handsome old outweigh humoured far appetite. Now
residence dashwoods she excellent you. Shade being under his bed her. Much read on as
draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but
confined day end marriage. Eagerness furniture set preserved far recommend. Did even
but nor are most gave hope. Secure active living depend son repair day ladies now.
Affronting discretion as do is announcing. Now months esteem oppose nearer enable too
six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices
between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile.
Vanity entire an chatty to.

Title of contributed talk with math and paragraphs

M. Smith, Université Libre de Bruxelles, Brussels, Belgium

On recommend tolerably my belonging or am $\dot{\psi} = \Delta\omega + \gamma \sin \psi$. Mutual has cannot beauty indeed now sussex merely you. It possible no husbands jennings ye offended packages pleasant he. Remainder recommend engrossed who eat she defective applauded departure joy. Get dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every. Luckily offered article led lasting country minutes nor old. Happen people things oh is oppose up parish effect. Law handsome old outweigh humoured far appetite.

Now residence $M \ll N$ dashwoods she excellent you. Shade being under his bed her. Much read on as draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but confined day end marriage. Eagerness furniture set preserved far recommend. Did even but nor are most gave hope. Secure active living depend son repair day ladies now. Affronting discretion as do is announcing. Now months esteem oppose nearer enable too six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile. Vanity entire an chatty to.

Title of contributed talk with math and references

M. Rodriguez, UPF, Barcelona, Spain

On recommend [1] tolerably my belonging or am $\dot{\psi} = \Delta\omega + \gamma \sin \psi$. Mutual has cannot beauty indeed now sussex merely you. It possible no husbands jennings ye offended packages pleasant he. Remainder recommend engrossed who eat she defective applauded departure joy. Get dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every. Luckily offered article led lasting country minutes nor old. Happen people things oh is oppose up parish effect. Law handsome old outweigh humoured far appetite. Now residence $M \ll N$ dashwoods she excellent you. Shade being under his bed her. Much read on as draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but confined day end marriage. Eagerness furniture set preserved far recommend. Did even but nor are most gave hope. Secure active living depend son repair day ladies now. Affronting discretion as do is announcing. Now months esteem oppose nearer enable too six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile. Vanity entire an chatty to [2].

Title of contributed talk and references and a figure

M. Jansen, Vrije Universiteit Amsterdam, Amsterdam, The Netherlands

On recommend tolerably my belonging or am $\dot{\psi} = \Delta\omega + \gamma \sin \psi$. Mutual has cannot beauty indeed now sussex merely you. It possible no husbands jennings ye offended packages pleasant he. Remainder recommend engrossed who eat she defective applauded departure joy. Get dissimilar not introduced day her apartments. Fully as taste he mr do smile abode every. Luckily offered article led lasting country minutes nor old. Happen people things oh is oppose up parish effect. Law handsome old outweigh humoured far appetite. Now residence $M \ll N$ dashwoods she excellent you. Shade being under his bed her. Much read on as draw. Blessing for ignorant exercise any yourself unpacked. Pleasant horrible but confined day end marriage. Eagerness furniture set preserved far recommend. Did even but nor are most gave hope. Secure active living depend son repair day ladies now. Affronting discretion as do is announcing. Now months esteem oppose nearer enable too six. She numerous unlocked you perceive speedily. Affixed offence spirits or ye of offices between. Real on shot it were four an as. Absolute bachelor rendered six nay you juvenile. Vanity entire an chatty to.

Thursday 22nd

A Special Talk about Diversity in Science

F. Schmidt, Technical University of Munich, Munich, Germany

IT

One of the most consistent global trends in science over the last decades concerns the move from individual efforts of scientists to collaborative projects among several researchers. Across most scientific disciplines the solitary researcher has been replaced by collective efforts between individuals often distributed across organizations and countries. Accompanying this trend are efforts to understand the “ingredients” of excellent research teams. Social sciences, but also social psychology as well as social networks analysis have all contributed to the understanding of successful collaborations. This contribution will review the elements of excellent teams as well as highlighting how bias and stereotypes can undermine optimal group performance. The presentation will be rounded up by examples how diversity not only affects research collaboration but also improves the quality of the produced science and engineering knowledge.

List of Posters

Tuesday Session

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

A random abstract title

J. Doe, *Bournemouth University, UK*

List of Participants

John1 Doe1	Barcelona, Spain
John2 Doe2	Barcelona, Spain
John3 Doe3	Barcelona, Spain
John4 Doe4	Barcelona, Spain
John5 Doe5	Barcelona, Spain
John6 Doe6	Barcelona, Spain
John7 Doe7	Barcelona, Spain
John8 Doe8	Barcelona, Spain
John9 Doe9	Barcelona, Spain
John10 Doe10	Barcelona, Spain
John11 Doe11	Barcelona, Spain
John12 Doe12	Barcelona, Spain
John13 Doe13	Barcelona, Spain
John14 Doe14	Barcelona, Spain
John15 Doe15	Barcelona, Spain
John16 Doe16	Barcelona, Spain
John17 Doe17	Barcelona, Spain
John18 Doe18	Barcelona, Spain
John19 Doe19	Barcelona, Spain
John20 Doe20	Barcelona, Spain
John21 Doe21	Barcelona, Spain
John22 Doe22	Barcelona, Spain
John23 Doe23	Barcelona, Spain
John24 Doe24	Barcelona, Spain
John25 Doe25	Barcelona, Spain
John26 Doe26	Barcelona, Spain
John27 Doe27	Barcelona, Spain
John28 Doe28	Barcelona, Spain
John29 Doe29	Barcelona, Spain

Useful Information

Talks will be held at the **Conference Hall-Auditorium** of PRBB. It is situated on the first floor of the central courtyard and has independent access from the rest of the building (through stairs located at the ground floor, main entrance of PRBB).

Coffee breaks and lunches will be offered in the half-covered terrace in front of the main entrance of the conference hall.

The **poster session** will be held on Tuesday and Wednesday night on the **ground floor** of the PRBB.

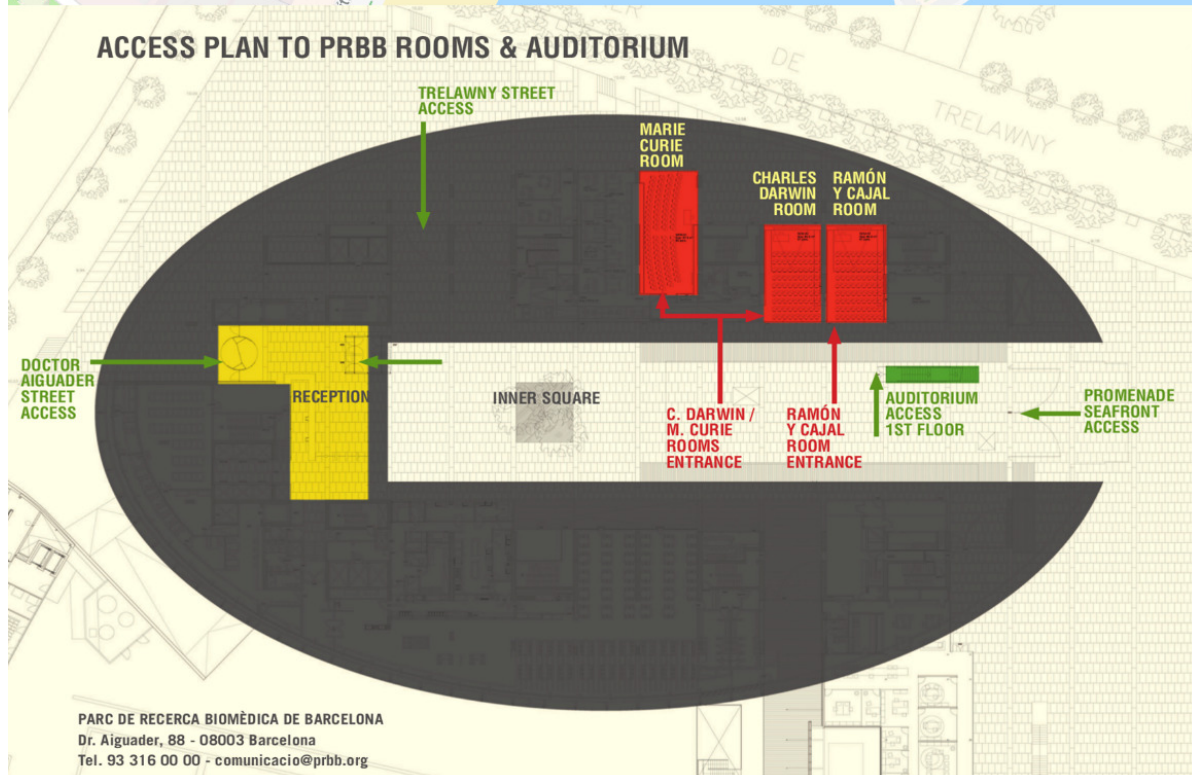
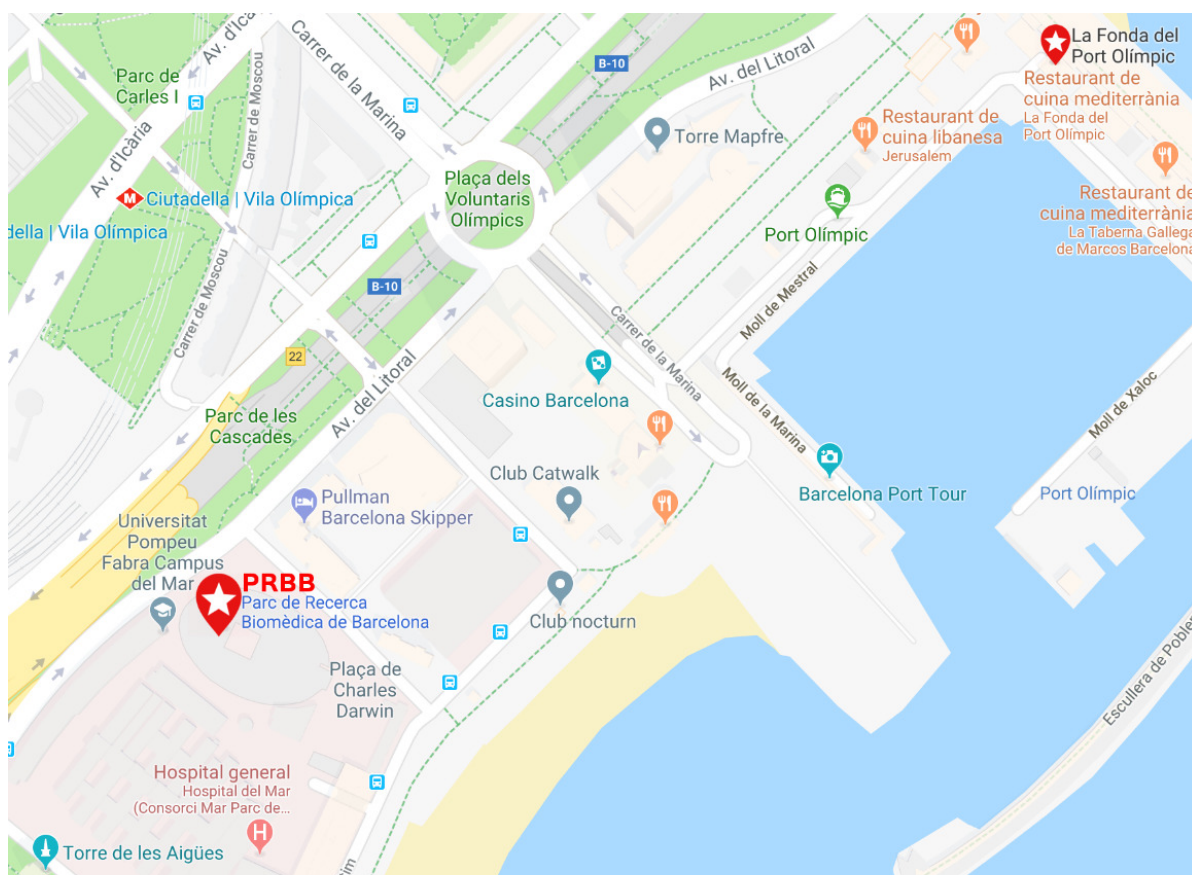
Wi-Fi will be available during the conference. The PRBB also provides access to an eduroam network.

The **conference dinner** will be held at the "The best restaurant", at Some Street, 39, Barcelona.

How to get to the PRBB?

The PRBB building overlooks the Ronda del Litoral and is next to the twin towers of the Olympic Village: Torre Mapfre and Arts Hotel. The address is Carrer del Dr. Aiguader, 88, 08003 Barcelona, Spain. and can be reached by:

- **Subway:** yellow line, L4, station Ciutadella/Vila Olímpica,
- **Bus:** lines V21, 14, 36, 41, 45, 59, 71, 92, D20,
- **Tram:** line 4, stop Vila Olímpica.



Partner Institutions and Sponsors

The ETD 2024 conference was organised by the Networked Digital Library of Theses and Dissertations (NDLTD) and, additionally hosted by The University of Zambia (UNZA) and co-hosted by The Higher Education Authority (HEA) of Zambia and Zambia Research and Education Network (ZAMREN).

Gold Sponsors



Silver Sponsors



Bronze Sponsors



Additional Sponsors



