

# digital futures

NEWSLETTER MAY 2023



## Welcome to Digitalize in Stockholm 2023 on 18-19 October!

Digitalize in Stockholm 2023 will be a hybrid event – ONSITE participation at Aula Medica or ONLINE via a digital platform. It is free of charge and hosted by Digital Futures. [REGISTRATION](#) is now open!

The theme this year is COLLABORATION AND CONFLICT. Digital transformation requires collaboration on all levels, from human-machine teaming to interdisciplinary and cross-sectoral interactions. Yet, in a world ridden with conflict, it is a challenge to reconcile everyone's needs and make collaborations click. Join us in mapping productive paths to a collaborative future!

[Stay tuned for the latest news about speakers, panels and research projects on Digitalize in Stockholm 2023 website.](#)



KTH President Anders Söderholm and UC Berkeley Vice Provost for Academic Planning Lisa Alvarez-Cohen

### UC Berkeley and KTH – expanding opportunities for cross-national collaboration

A memorandum of understanding (MoU) was signed by KTH President Anders Söderholm and UC Berkeley Vice Provost for Academic Planning Lisa Alvarez-Cohen at the culmination of a two-day innovation conference in San Francisco organized by KTH...

[UC Berkeley and KTH signing MoU](#)



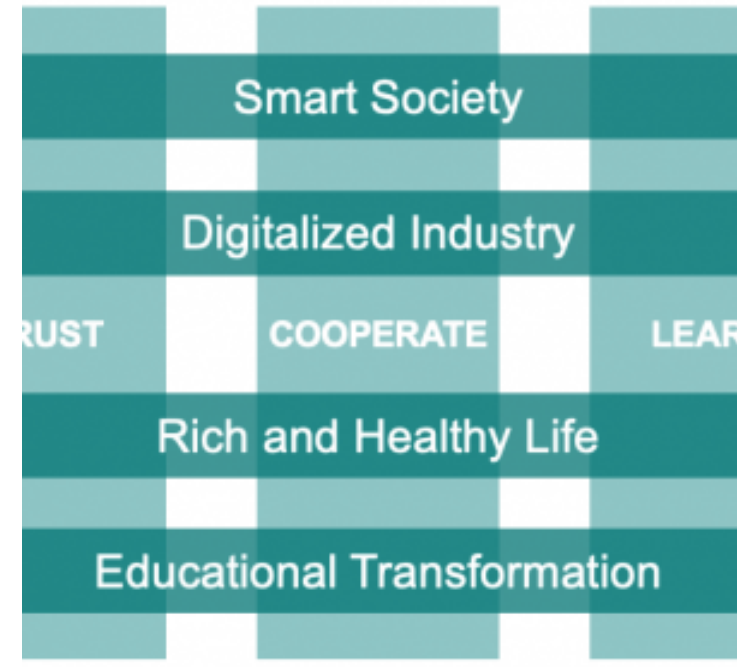
Ulf Carlsson, Director Innovation & Predevelopment at Xylem Water Infrastructure at Digital Futures Open Research Days in April.

### Xylem joins Digital Futures Industrial & Societal Partnership Programme

“We’re proud and excited to welcome Xylem as a partner of Digital Futures. In a world of ever-growing challenges, Xylem delivers innovative water technology solutions throughout the cycle of water”, says Karl H Johansson, Director of Digital Futures...

[Xylem joins Digital Futures ISPP](#)

## Open Calls



Digital Futures Strategic Research Matrix

### Open calls for ISPP Postdoc Projects, Industrial Innovation Projects and Societal Innovation Projects

- ISPP postdoc projects must have a duration of 2 years.
  - Industrial Innovation Projects can be at most 3 years in duration.
  - Societal Innovation Projects can be at most 2 years in duration.
- Information Meeting will be held on 23 May at 9 am digitally on Zoom  
**Application deadline: 9 June 2023**  
[More information and how to apply](#)

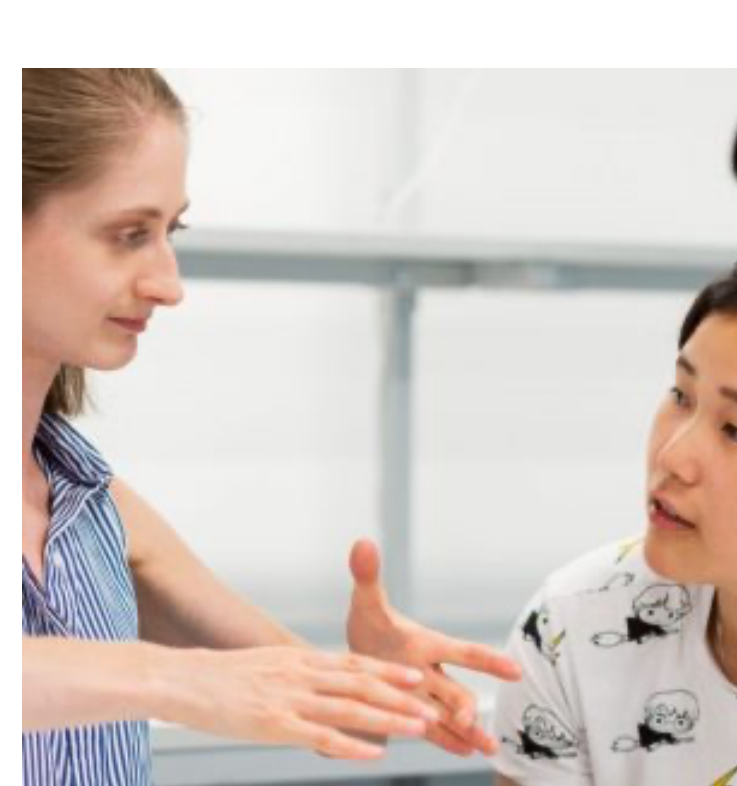


Photo: Unsplash

### Open calls: Research Pairs Projects & Research Pairs Consolidator Projects

4th call for Research Pairs collaboration projects between two junior researchers within Digital Futures in the area of technologies for digital transformation. 2nd call for Research Pairs consolidator projects allows Digital Futures Research Pairs project from the Second Research Pairs call to extend their project.  
**Calls closes: 19 June 2023**  
[Research Pairs Projects & Research Pairs Consolidator Projects](#)

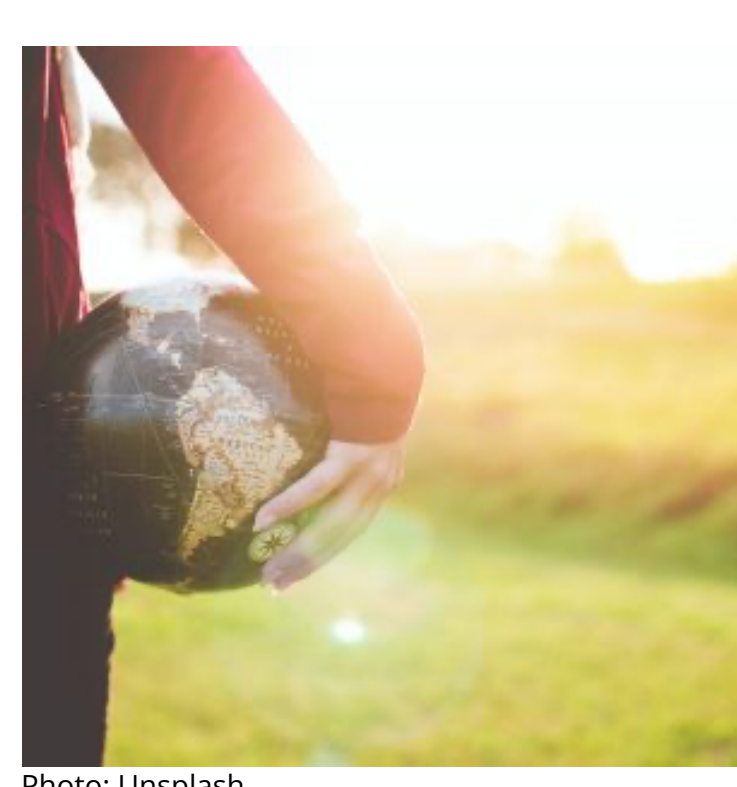


Photo: Unsplash

### Open call: Scholar-in-Residence programme

Providing scholars at non-Swedish universities with financial support to enable short and longer-term visits to Digital Futures. How this time away from a home institution is used is flexible and for the scholar-in-residence to decide. Applications are possible every three months.  
**Next deadline: 12 June 2023**  
[Scholar-in-Residence programme](#)

## Inauguration of KTH Center for Sports Engineering



### Welcome to the Inauguration of KTH Center for Sports Engineering on 13 June!

Look forward to an exciting program that starts at 14:00 with opening remarks by Anders Söderholm – President of KTH, Anders Larsson – Vice President of the Swedish Olympic Committee and Peter Mattsson – National Sports Confederation Elite Sports 2030...  
[Inauguration of Center for Sports Engineering](#)

## Digital Futures seminars & Co-sponsored events



Virgil Gligor

### Distinguished lecture: Virgil Gligor, Carnegie Mellon University

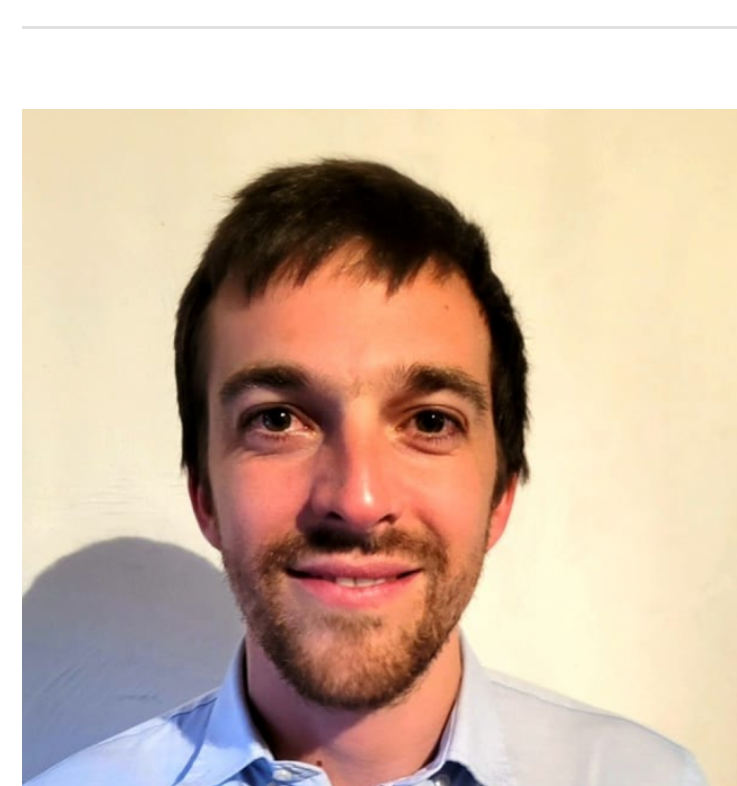
**When:** 30 May 2023, 10:00-11:00 CEST  
**Speaker:** Virgil Gligor, Carnegie Mellon University  
**Title:** Determining an Economic Value of High Assurance for Commodity Software Security  
[Distinguished lecture: Virgil Gligor, Carnegie Mellon University](#)



Sindri Magnússon

### Fly High seminars: Sindri Magnússon, Stockholm University

**When:** 30 May, 13:00-14:00 CEST  
**Speaker:** Sindri Magnússon, Associate Professor, Department of Computer and Systems Sciences, Stockholm University  
**Title:** Resource Efficient Distributed Learning in Large Scale Systems  
[Resource Efficient Distributed Learning in Large Scale Systems](#)



Pascal Nelson

### Dive Deep seminar: Pascal Nelson, KTH Royal Institute of Technology

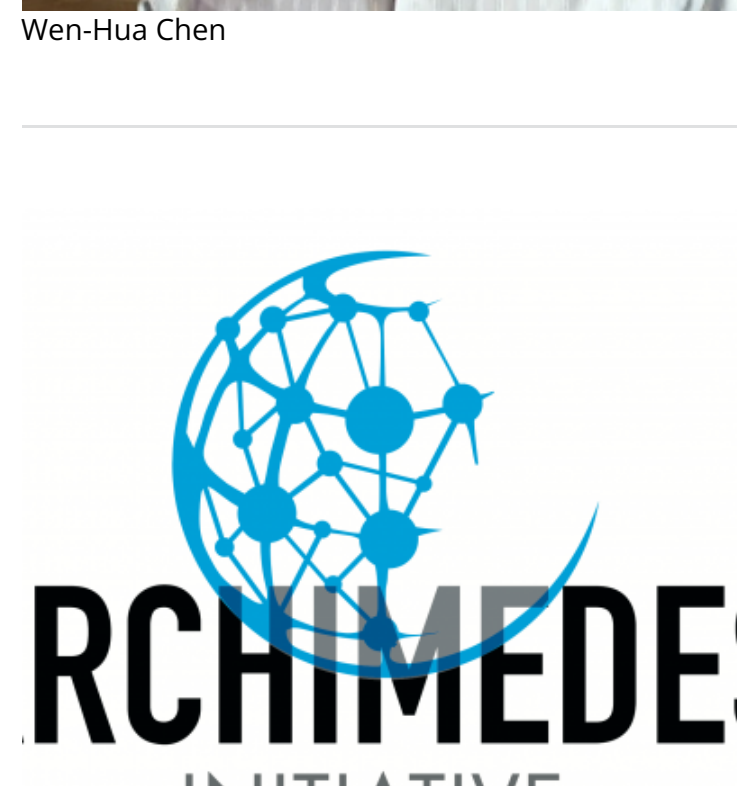
**When:** 1 June 2023, 13:00-14:00 CEST  
**Speaker:** Pascal Nelson, KTH Royal Institute of Technology  
**Title:** Cortex-wide topography of 1/f-exponent in Parkinson's disease  
[Cortex-wide topography of 1/f-exponent in Parkinson's disease](#)



Wen-Hua Chen

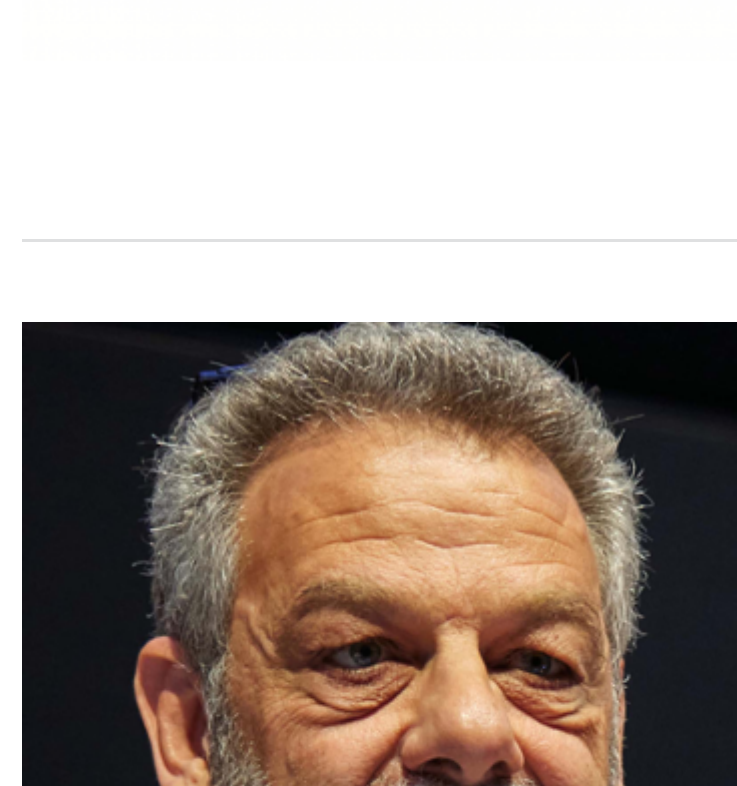
### Distinguished lecture: Prof Wen-Hua Chen, Loughborough University, UK

**When:** 7 June 2023, 10:00-11:00 CEST  
**Speaker:** Prof Wen-Hua Chen, Loughborough University, UK  
**Title:** Control Engineering in Future Highly Automated Society  
[Distinguished lecture: Prof Wen-Hua Chen, Loughborough University](#)



### Archimedes Stockholm workshop – 13 June

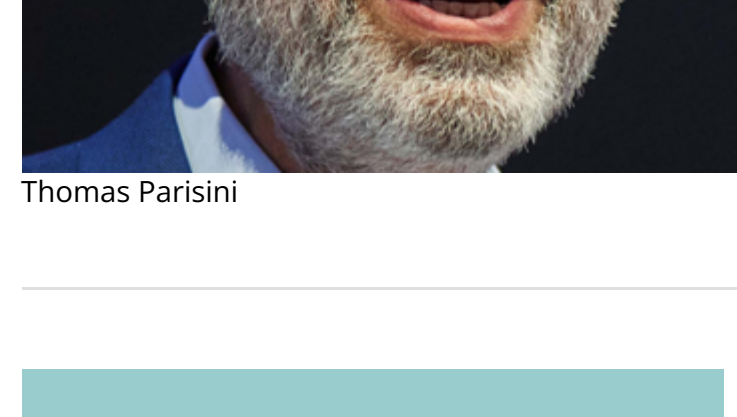
**When:** 13 June 2023, 09:00-16:00 CEST  
**Title:** Integrating systems engineering into university education and research  
**Where:** Digital Futures hub OR Zoom  
 A workshop on integrating systems engineering into university education and research and how to establish it in academia. Opportunities for experience exchange and contact with international centres.  
[REGISTER for participation to Archimedes Stockholm workshop](#)



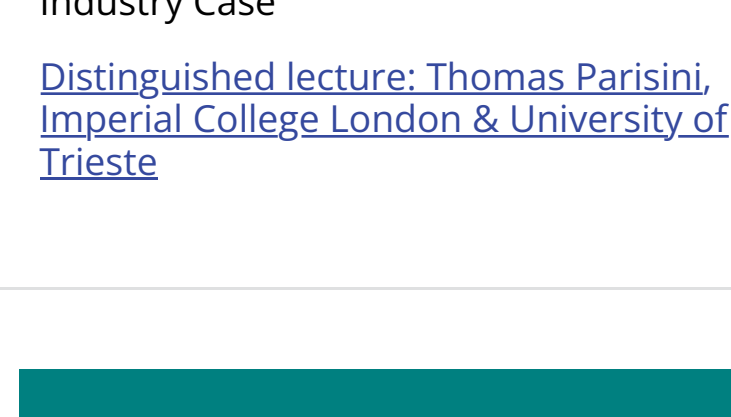
Thomas Parisini

### Distinguished lecture: Thomas Parisini, Imperial College London & University of Trieste

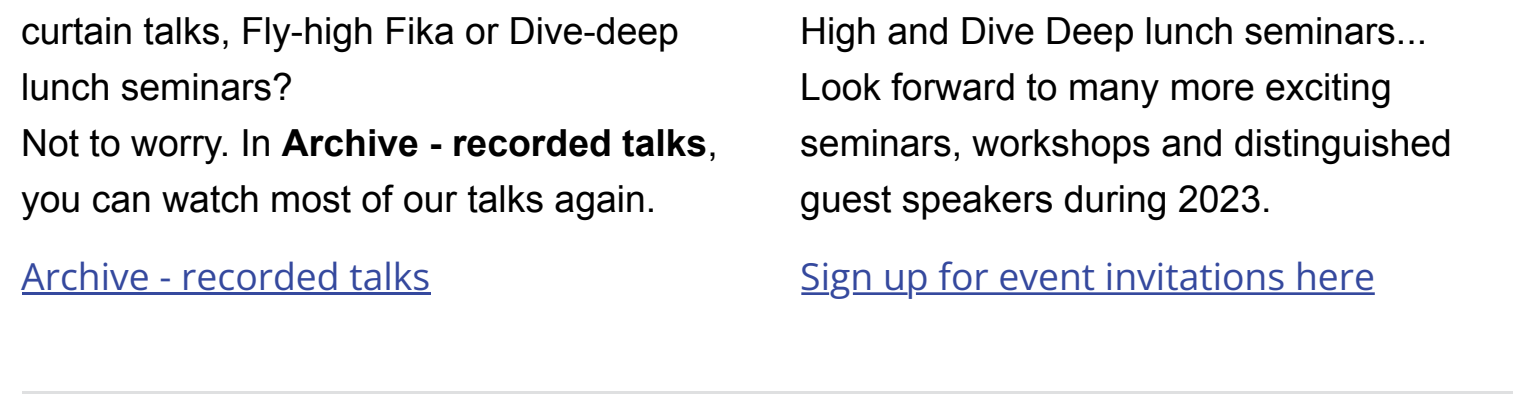
**When:** 15 June 2023, 11:00-12:00 CEST  
**Speaker:** Thomas Parisini, Imperial College London & University of Trieste  
**Title:** Digital-Twins-Based Distributed Monitoring: Methodology and a Process Industry Case  
[Distinguished lecture: Thomas Parisini, Imperial College London & University of Trieste](#)



**Archive – recorded talks**  
 Did you miss any of all the great lectures, certain talks, Fly-high Fika or Dive-deep lunch seminars?  
 Not to worry. In **Archive - recorded talks**, you can watch most of our talks again.  
[Archive - recorded talks](#)



**SIGN UP FOR INVITATIONS**  
 Distinguished lectures, Certaintans Fly High and Dive Deep lunch seminars... Look forward to many more exciting seminars, workshops and distinguished guest speakers during 2023.  
[Sign up for event invitations here](#)



**About us**  
 Digital Futures is a cross-disciplinary research center that explores and develops digital technologies. We bring solutions to great societal challenges, in Sweden and globally. We generate knowledge, innovations and future leaders of high industrial relevance and strategic importance. Digital Futures is jointly established by KTH Royal Institute of Technology, Stockholm University and RISE Research Institutes of Sweden.  
[www.digitalfutures.kth.se](http://www.digitalfutures.kth.se)

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