CREDENCE PARTNER MEETING

Hein Meling and Roman Vitenberg
CREDENCE Workshop, August 5-7, 2019

University of
Stavanger

SCRIBE & COMMUNICATION MEDIUM?

➤ Elena and Russel

➤ Communication medium?

  ➤ To: credence@uis.no (Hein, Roman, Elena, …)

  ➤ How should the group discussions take place?
    (Google Groups or another email?)

	Monday	Tuesday	Wednesday	Wednesday (parallel session)	Thursday
8:30	**University of Stavanger**, Hein Meling CREDENCE opportunities Teaching and Research @ UiS The Vision of a Global Academic Database of Degree Certificates Software Engineering for Dependability	**University of California, Irvine** Nalini Venkatasubramanian	**Federal University of Bahia**, Fabíola Greve		
9:00					
9:30					
10:00	Coffee break	Coffee break	Coffee break		
10:30	**University of Oslo**, Roman Vitenberg CREDENCE opportunities Teaching and Research @ UiO	**McGill University**, Bettina Kemme **University of Stavanger**, Veronica Estrada-Galinanes, *Hindsight and Foresight on Coding Theory With a Systems Perspective*	**University of Stavanger**, Leander Jehl *Quorum Selection for Byzantine Fault Tolerance*		Hike to Pulpit Rock *(bring food & drink, and wear good shoes and dress according to weather.)*
11:00			Partner meeting: Planning Summer School 2020 Planning Mobility/Exchange	Student/postdoc collaborations - Create groups of students - Identify common interests/project - Discuss solution to problem	
11:30	Project management				
12:00	Lunch (w/ photo session after)	Lunch	Lunch		
13:00	**University of Maryland, College Park** Keith Marzullo and Susan Winter	**ÉTS Montréal,** Kaiwen Zhang and students, Performance Modeling and Analysis of the Bitcoin Inventory Protocol A Blockchain-Based Adaptive Middleware for … Research directions of FUSÉE Lab SYS869: Decentralized applications and systems	Partner meeting continued	Student/postdoc collaborations continued	
13:30					
14:00					
14:30	Fruit	Fruit	Fruit		
15:00	**Cornell University** Derecho for Permissioned Blockchains (Ken Birman) Vegvisir: a partionable blockchain for IoT environments (Robbert van Renesse)	**University of Maryland, Baltimore County** Research results directions on BFT and distributed systems at UMBC (Sisi Duan) BEAT: Asynchronous BFT Made Practical (Haibin Zhang) Hybrid BFT protocols (Cyrus Bonyadi)	Presentations by student groups		
15:30					
16:00					
16:30	Break	Depart for Stavanger	Wrap up		
17:00	Poster session	Depart for Flor og fjære (boat)			
18:00	Dinner	Dinner and guided tour at Flor og fjære			
21:00		Return from Flor og fjære			

SUMMER SCHOOL 2020

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➤ Location?

  ➤ Local organizers

➤ Program organizers

  ➤ Speakers to invite?

➤ Dates?

➤ Visa - entrance to US — need enough time (Iranian students need ~ one year)

EDUCATION AND COURSES

EDUCATIONAL SOFTWARE AND EQUIPMENT

➤ Ken? What's your software!!?

➤ Autograder @ UiS

➤ Others

    ➤ Semi-automated exam generator!

➤ What do people use for remote lecturing?

    ➤ (equipment/software?)

JOINT CURRICULA

➤ Blockchain course

   ➤ Kaiwen, Leander, Roman, Robbert? (others?)

   ➤ Curriculum (papers?, books?)

   ➤ Programming assignments (Ethererum, Hyperledger, IOTA, Bitcoin?)

➤ Distributed systems

   ➤ Shared programming assignments?

   ➤ Other?

TUTORIALS

➤ Keith & Susan: Socio-Technical

➤ Roman & others: Blockchain (expand to more specialized blockchain?)

    ➤ Hands-on and conceptual

➤ Any other emerging topics in dependability that we should make tutorials on!??

CRAZY IDEAS OR NOT SO CRAZY

➤ Dagstuhl seminar

➤ Decent'19 workshop at Eurosys

➤ Book — collection — Distributed Systems book (Sape Mullender…)

➤ Benchmarking framework

   ➤ Blockchains & RSMs & Storage …

➤ Other crazy ideas

MOBILITY

WHO WANTS TO HOST/TRAVEL?

➤ Constraints?

  ➤ Tuition?

  ➤ Office space?

WRAP UP

- ➤ When you fly home …

- ➤ Write a few emails and shoot off

- ➤ Report to us activities

- ➤ We will remind you but feel free to be proactive

- ➤ Think: Which of your students can attend summer school

EACH PARTNER

➤ We would like to ask each partner to send an email to credence@uis.no

➤ Content: the thoughts of the partner about mobility (student mobility above all, but also faculty)

 ➤ Students (sending and hosting)

 ➤ Faculty

 ➤ Timeline

 ➤ Constraints

➤ Credence data collection: posters, presentations, student project presentetations,

THANKS!

bbchain.no

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