

A Memorable IEEE CIS Summer School on Computational Intelligence in Tunisia!

By: Habib M. Kammoun (CIS Tunisia chapter chair) & Adel M. Alimi (IEEE Sfax Subsection chair)

<http://cita.regim.org>

<http://sites.ieee.org/tunisia-cis/>

<http://ieee-sfax.org>

On August 11-14, 2014, the Tunisian chapter of the IEEE Computational Intelligence Society (CIS) organized, in cooperation with REGIM-Lab. from University of Sfax and SMCS and IAS Tunisian chapters, a summer school on Computational Intelligence: Theory and Applications (CITA 2014) in Tunis. The summer school was sponsored by the IEEE CI Society and technically co-sponsored by the IEEE Region 8 and the IEEE Sfax SubSection.

The program included 13 technical talks presented by 9 world-renowned speakers from different countries (Canada, Germany, Italy, The Netherlands, Tunisia, Turkey, United Kingdom, and USA) during 4 days, a doctoral consortium, and an evaluation exam at the end of the summer school. The participants enjoyed also the gala dinner and the excursion to Bardo museum, Carthage, and Sidi Bousaid village. Among the speakers, we note the participation of Professor Okyay Kaynak (IEEE Fellow, UNESCO Chair on Mechatronics, Bogazici University, Turkey & Harbin Institute of Technology HIT, China) as distinguished lecturer from the IEEE CI Society.

About 30 participants from 11 countries (Algeria, Belgium, Egypt, France, Lithuania, Qatar, Senegal, Spain, Sudan, United Kingdom, and Tunisia) enjoyed the high quality of the presentations as well as the social program. The summer school was a good opportunity to share skills, methods and insights; to exchange ideas, experiences and thoughts.

A best student award was delivered in the closing session to Ruben Verhack from Ghent University – iMinds, Belgium.

As always, an IEEE booth was organized by the IEEE Sfax Subsection in order to encourage participants to join IEEE and its technical societies.

Identification of the photos:



Photo 1: Group photo of CITA 2014 participants



Photo 2: A PhD student discussing his project idea with other participants



Photo 3: Prof. Okay Kaynak, IEEE CIS Distinguished Lecturer, presenting his talk on Intelligent Systems



Photo 4: Prof. Manuel Roveri, IEEE CIS Student Activities committee chair, presenting his talk on Supervised Learning

Program:

Monday 11 August 2014

- 09:00-09:30 *Registration*
- 09:30-10:00 *Opening*
- 10:00-11:00 Talk 1 – [Ajith Abraham](#), *Introduction to Computational Intelligence*
- 11:00-11:30 *Coffee Break*
- 11:30-13:00 Talk 2 – [Manuel Roveri](#), *Supervised Learning (part I)*
- 13:00-14:00 *Lunch*
- 14:00-15:30 *Open Networking*
- 15:30-17:00 Talk 3 – [Manuel Roveri](#), *Supervised Learning (part II)*
- 17:00-17:30 *Coffee break*
- 17:30-19:00 *Poster Session: Doctoral Consortium*

Tuesday 12 August 2014

- 09:00-10:30 Talk 4 – [Farouk Cherif](#), *Basics on Recurrent Neural Network*
- 10:30-11:00 *Coffee Break*
- 11:00-13:00 Talk 5 – [Ahmed Rubaai](#), *Computational Intelligence Techniques for Industrial Systems*
- 13:00-14:00 *Lunch*
- 14:00-15:30 *Open Networking*
- 15:30-17:00 Talk 6 – [Fakhri Karray](#), *SVM: Fundamentals and Advanced Topics*
- 17:00-17:30 *Coffee break*
- 17:30-19:00 Talk 7 – [Volker Märgner](#), *Historical Document Processing – An Application of CI*

Wednesday 13 August 2014

- 09:00-10:30 Talk 8 – [Robert John](#), *Type-2 Fuzzy Logic (part I)*
- 10:30-11:00 *Coffee Break*
- 11:00-13:00 Talk 9 – [Robert John](#), *Type-2 Fuzzy Logic (part II)*
- 13:00-14:00 *Lunch*
- 14:00-15:30 *Open Networking*
- 15:30-17:00 Talk 10 – [Ajith Abraham](#), *Evolutionary Algorithms & Swarm Intelligence*
- 17:00-17:30 *Coffee break*
- 17:30-19:00 Talk 11 – [Ajith Abraham](#), *Hybrid Intelligent Systems*
- 21:00-23:00 *Gala Dinner*

Thursday 14 August 2014

- 09:00-10:00 Talk 12 – [Nicolai Petkov](#), *Brain-Inspired Computing*
- 10:00-11:00 Talk 13 – [Okyay Kaynak](#), *Intelligent Systems: An Assessment of the Past and the Prospects*

for the Future

- 11:00-11:30 *Coffee Break*
- 11:30-12:30 *Evaluation Exam*
- 12:30-13:00 *Closing Session*
- 13:00-14:00 *Lunch*
- 14:00-19:00 *Excursion to Bardo Museum Carthage and Sidi Bousaid*

List of Participants:

1. Abdel Latif Elshafei, Egypt
2. Abdelkarim Ben Ayed, Tunisia
3. Abdul Malek Yaakob, United Kingdom
4. Bassem Sedik, Tunisia
5. Binyamin Yusoff, Spain
6. Chawki Aouiti, Tunisia
7. Dirk Deschrijver, Belgium
8. Dovile Kurpyte, Lithuania
9. Fatma Ayari, Tunisia
10. Fatma Damak, Tunisia
11. Habib Dhahri, Tunisia
12. Hachem Lamti, France
13. Hager Brahmi, Tunisia
14. Hatem Ben Sta, Tunisia
15. Ichraf Lahouli, Tunisia
16. Lamine Thiaw, Sénégal
17. Leila Baccour, Tunisia
18. Lubna Gabralla, Sudan
19. Malika Akak, Algeria
20. Marwa Ammar, Tunisia
21. Nesrine Baklouti, Tunisia
22. Nesrine Charfi, Tunisia
23. Nizar Rokbani, Tunisia
24. Raja Fdhila, Tunisia
25. Robin Bailleul, Belgium
26. Ruben Verhack, Belgium
27. Sahar Cherif, Tunisia
28. Tasnim Ismail, Qatar
29. Yosra Jarraya, Tunisia
30. Zouhir Djemel, Tunisia