Journées Internationales 2017
Université de Bretagne-Sud

Collaboration

Khurram Bhatti
Assistant Professor
Information Technology University (ITU), Pakistan
Outline

- Pakistan –Some Statistics
- Information Technology University (ITU)
- Collaborations with UBS
  - PERIDOT Project e-health.SECURE
  - EIFFEL VADE MECUM Excellence Program
  - Joint PhD/MS Students
  - ICT R&D Project
- Remarks & The Future
Pakistan – Some Statistics

Population: 207 Millions (Census 2017)
Provinces: 5 (Sindh, Baluchistan, Punjab, KP, GB)
Universities: 187 (103 Public + 84 Private)
Population: 69% under 30-years
International Mobility: 35,000-45,000 every year (approx.)
Pakistan –Some Statistics

Mobilité des étudiants du Pakistan dans le monde

Projection Bertin 1993 modifiée par Philippe Rivière, visioncarto.net.

Courtesy: Campus France Focus Pays: Pakistan 2016
Pakistan –Some Statistics

- **2007 – 2017:** 700+ Pakistani students did PhD from France (state-funded) + private students

- **2013 – 2017:** 20 PHC Peridot joint projects under execution with focus areas
  - Health, Climate Change, Education, Archeology, IT for conflict/peace

- **2016 – 2018:** Pakistan Days
  - 2016 (Paris): 04 Pakistani Universities + Delegation of HEC
  - 2017 (Islamabad): 20 French Universities/grand ecoles
  - 2018 (Lyon): Scheduled in March’18

Courtesy: French Embassy in Pakistan, 2017
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Information Technology University

- Computer Science
- Electrical Engineering
- Humanities and Social Science
- Management Science

- PhD, MS, and BS Programs
- Acceptance Rate: 2.28%
- Research: 16 Research Labs

780 Students
Information Technology University
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Collaborations with UBS

it all started with a 😊

LEAT-UNICE 2011
Collaborations with UBS

And then it continued...
Collaborations with UBS

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① Project PERIDOT (e-health.SECURE)

- PERIDOT is the Franco-Pakistani Hubert Curien Partnership (PHC)
  - Supports bi-directional mobility of researchers & students
  - **Pakistan**: Higher Education Commission (HEC)
  - **France**: a) Ministry of Foreign Affairs and International Development (MAEDI)
    b) Ministry of Higher Education and Research (MESR)

- **2017 – 2019**: ITU – UBS jointly won PERIDOT Grant in the priority area of health
  - e-health data security
  - A total funding of EUR 30k over 03 years
Collaborations with UBS

② EIFFEL VADE-MECUM Excellence Program

- French Research Excellence Program – open worldwide
- Offers
  - PhD mobility for jointly supervised students - 10 months
  - Master mobility for jointly supervised students - 12-36 months

- 2017 – 2018: ITU & UBS jointly won Eiffel grant for PhD level mobility
  - Out of 316 grants worldwide, Pakistan won only 01 this year.
  - The first for ITU Pakistan & UBS France!
  - Total Funding of approximately EUR 22k over 10-months
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③ Joint PhD/Master Students

- Currently, ITU and UBS have 04 students jointly supervised
  - 02 PhD students (01 at Lab-STICC, 01 at ECLab)
  - 02 Master students (ECLab, ITU)
Collaborations with UBS

4 ICT R&D Joint Research Project

- A joint research proposal is under preparation for the development of Information Security Lab in ITU, Pakistan –approximately PKR 30 Million (EUR 250k)

- Funding Source: Information & Communication Technology (ICT) Fund, Pakistan
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Remarks & The Future!

- It’s a good start!
- Increasing mobility for researchers & students is key to keep the synchronization
- Needs more institutionalization for long-term collaboration
  - Erasmus+ can be good opportunity for capacity building
- More Research Projects –of course!
Thank You!

Contact:  khurram.bhatti@itu.edu.pk