ACEOLE Review

Early Stage Researcher, WP5

Dan Octavian SAVU

About Me

Fellowship Experience

About ACEOLE/ Marie Curie

Personal Career

Today

About me (in 2008)

- Bucharest, Romania
- Software Engineer
- B.Sc. in Computer Science
- M.Sc. in Project Management (on-going)

- In 2008:
  - recently graduated
  - balancing between industry and academia

- Goals:
  - Improve my soft skills
  - Work with state of the art technologies
  - Extend my personal network
  - Discover the world

Fellowship Experience

ACEOLE Fellow @ 1st of Nov 2008

- ACEOLE WP 5
- Early Stage Researcher
- 3 years

- LHC/ ATLAS Experiment
- TDAQ Networking Team

- Researcher
- Software Developer
- Networking Expert

Fellowship Experience/ Training

On-the-job Training

Hands-on, DAQ, State of the art technologies, Paper Review etc.

Formal Training

Spectrum, Force 10 OS, Computer Architectures, Performance Tuning etc

Conferences and Workshops

NANOG; CHEP 2009, 2010; ICALEPS; Intel Openlab

Complementary Training

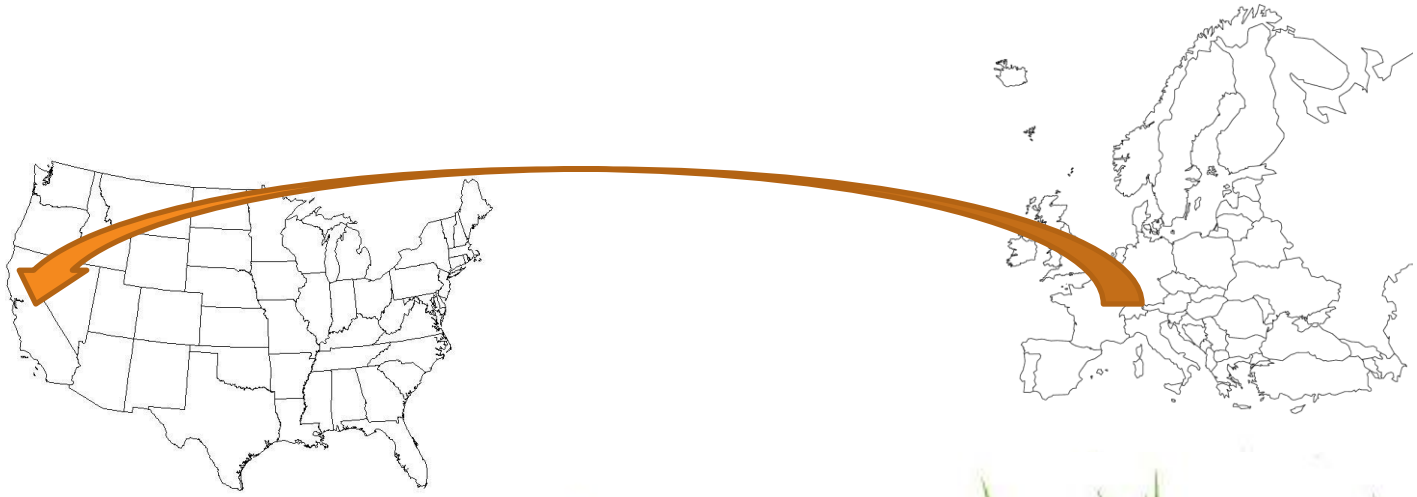
Making Presentations; French Course; CV & Interview Preparation; Writing EU Proposals; Leaders in Science;

Fellowship Experience/ Secondment

4-month Secondment @ HP Networking

Technical Training, Hands-on, Soft skills, Life Experience, Networking

- **State of the art technologies**
- **Product-oriented mindset**
- **Highly competitive and professional team**
- **A life & work experience**



Fellowship Experience/ Research Activity

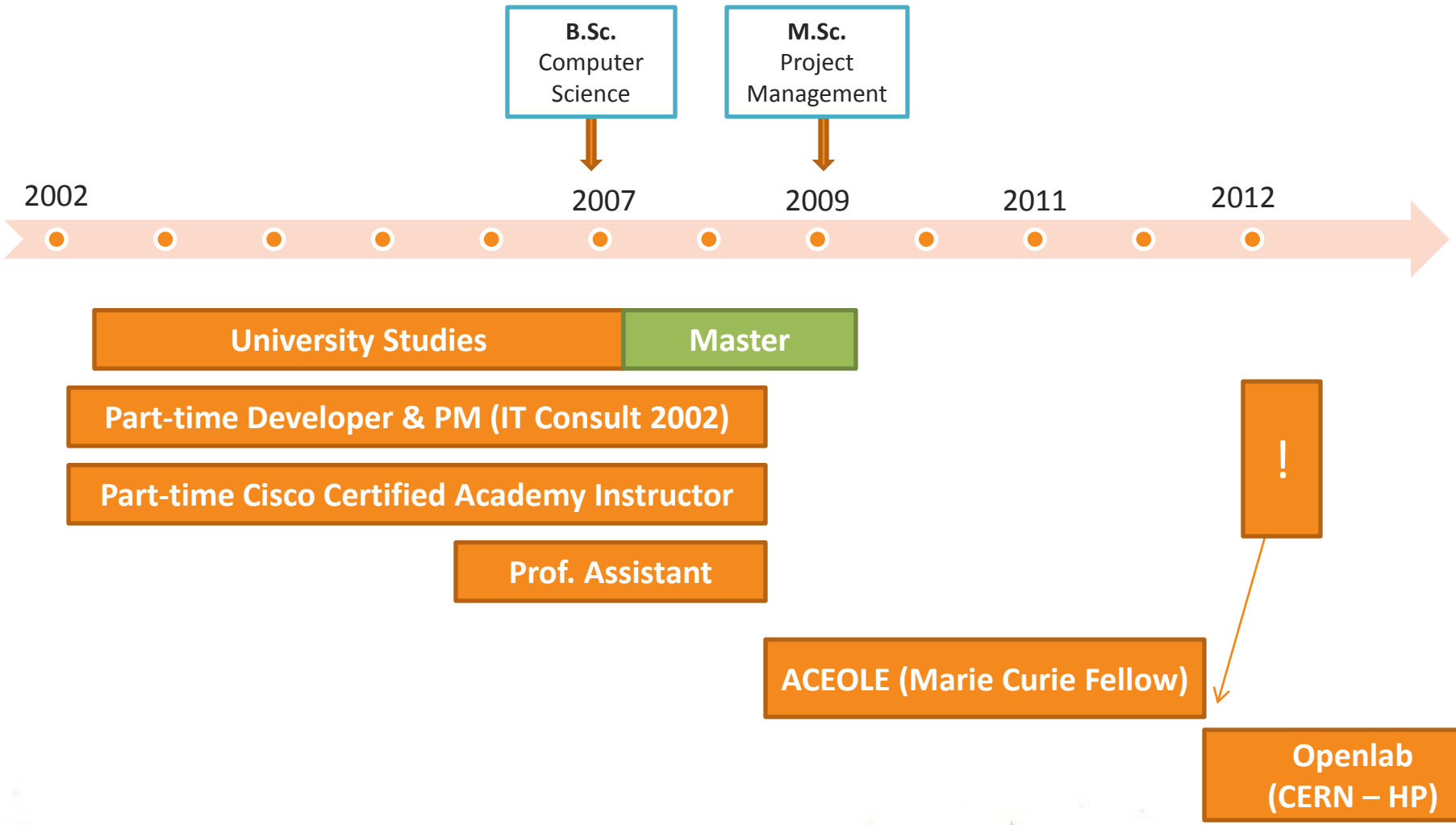
- SNMP Performance Monitoring
- Improving monitoring infrastructure availability
- Integrated system for network monitoring
- Centralized data-store for the network architecture, events and real-time status
- Event-processing and Expert Systems
- Software Defined Networking

Personal view on ACEOLE

Success factors:

- Passionate Supervisors (Thank You Brian Martin !)
- Visionary Leaders (Robert & Seamus)
- Flexibility
- Great Environment (CERN)
- So smooth administrative procedures (Evelyne)
- Awesome Researchers

Personal Career

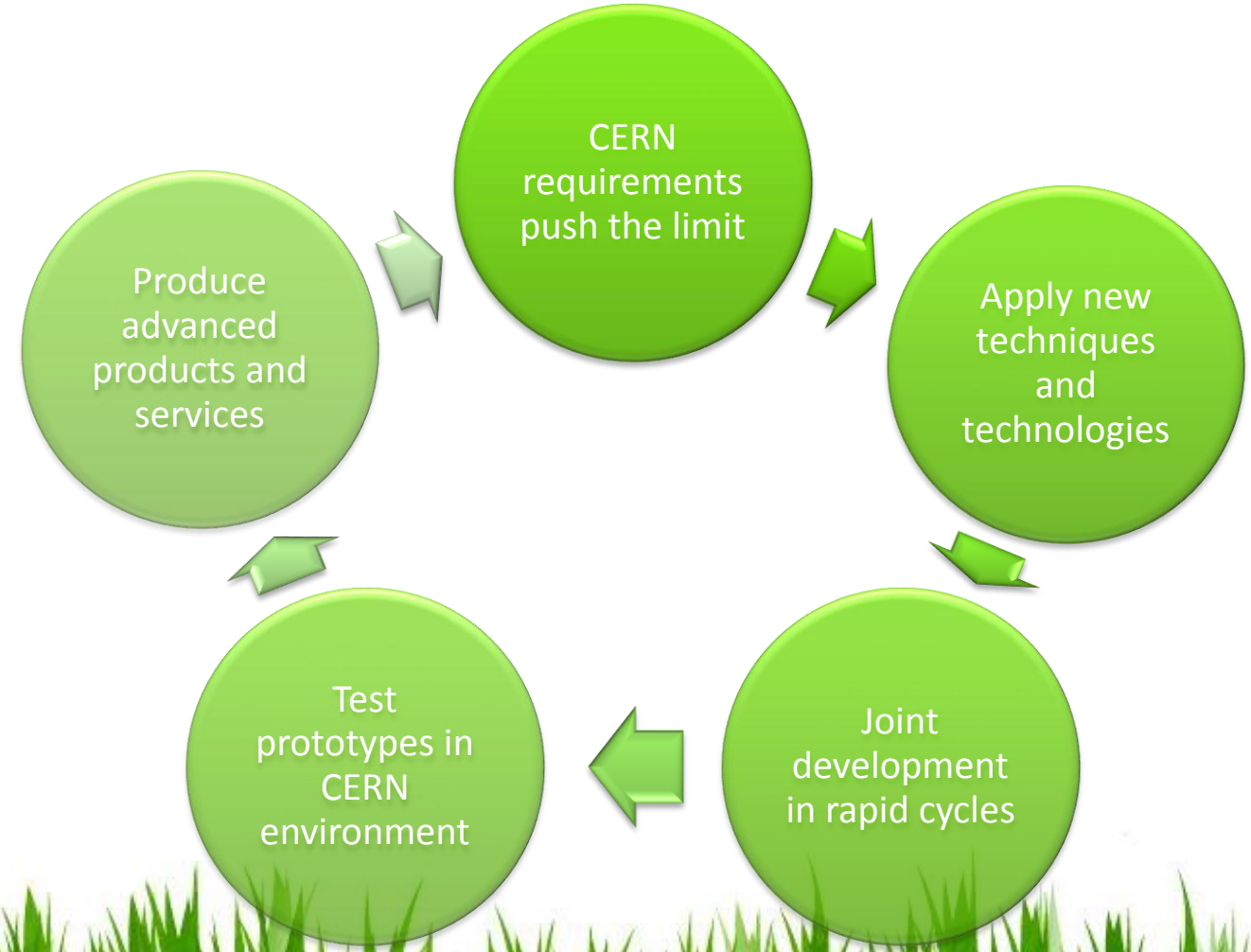


CERN openlab in a nutshell

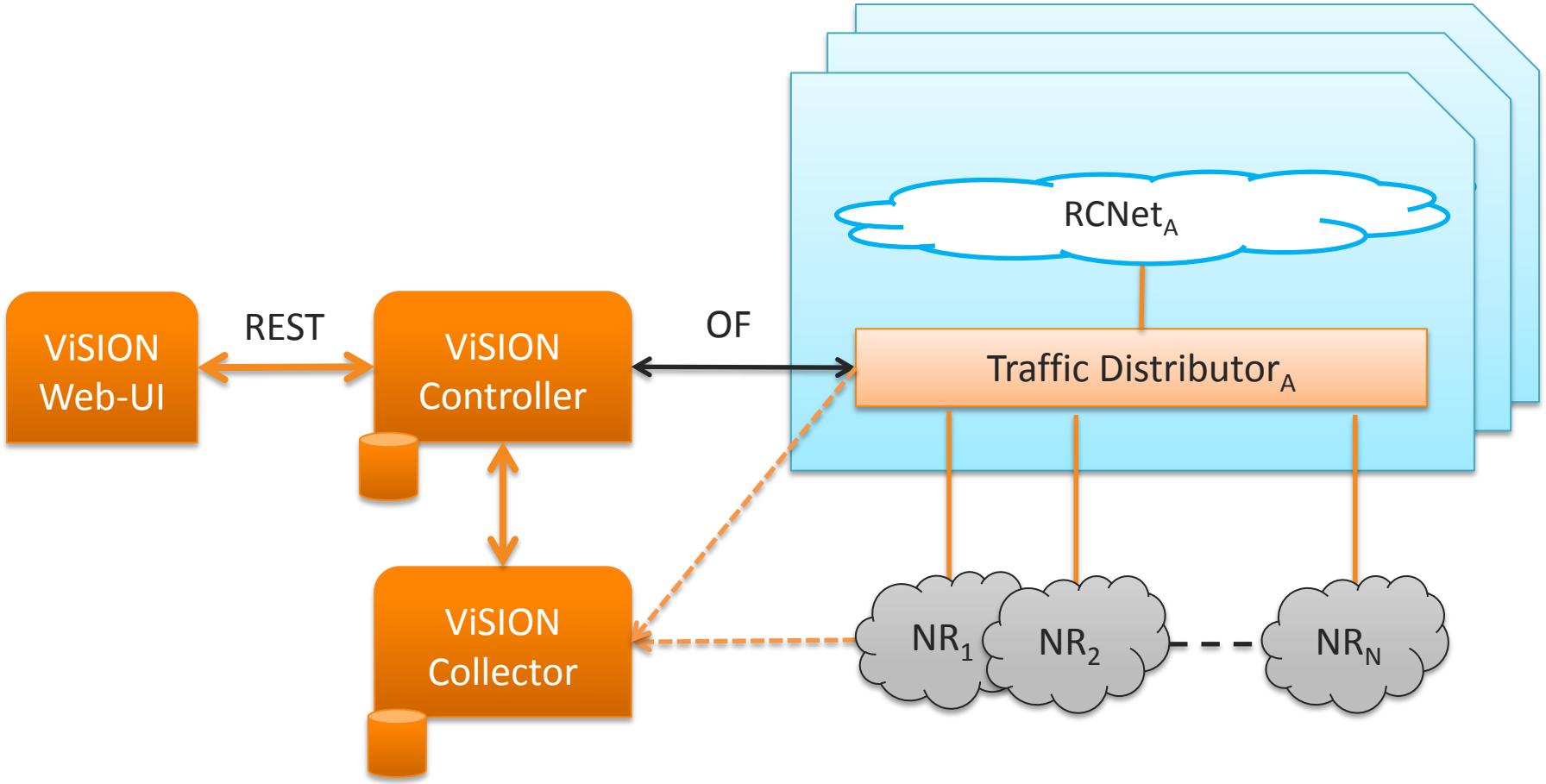
- A science – industry partnership to drive R&D and innovation
- Started in 2002, now in 10th year
- Evaluate state-of-the-art technologies in a challenging environment and improve them
- Test in a research environment today what will be used in industry tomorrow
- Training, Dissemination and Outreach
- www.cern.ch/openlab

CERN Openlab Cycle

A Public-Private Partnership
between the Research Community and Industry



The ViSION project (CERN - HP)



What about the **FUTURE ?**

Thank You !