Student's Experience:

Bishesh Khanal

bishesh.khanal@inria.fr

INRIA Sophia Antipolis, Asclepios Project

January 23, 2013

In short ...

Background

- Electronics and Communication Engineering; 2005-2009, Institute of Engineering (IoE), Tribhuvan University, Nepal.
- Master in Computer Vision; M1, 2010-2011, Université de Bourgogne, France.
- Master in Computational Biology and Biomedicine; M2, 2011-2012, Université de Nice Sophia Antipolis, France.

In short ...

Background

- Electronics and Communication Engineering; 2005-2009, Institute of Engineering (IoE), Tribhuvan University, Nepal.
- Master in Computer Vision; M1, 2010-2011, Université de Bourgogne, France.
- Master in Computational Biology and Biomedicine; M2, 2011-2012, Université de Nice Sophia Antipolis, France.

Experience

- International robotics competition, robotics club at IoE, 2007-2008.
- Summer Internship, École Polytechnic Fédérale de Lausanne (EPFL),2011.
- Masters thesis at Asclepios, INRIA, 2012.

Current work

Asclepios

- Medical and Biological Image Analysis.
- Computational Anatomy and Computational Physiology.
- Collaborations with several hospitals, industries and academia in the US, the UK and Europe.

Current work

Asclepios

- Medical and Biological Image Analysis.
- Computational Anatomy and Computational Physiology.
- Collaborations with several hospitals, industries and academia in the US, the UK and Europe.

My work

- Modeling and Simulation of atrophy in Alzheimer's Disease.
- Involves biomechanics, computational fluid dynamics, longitudinal medical image analysis etc.

Advisors: Xavier Pennec and Nicholas Ayache.

Student's Experience:

Manish Mandad

manish.mandad@inria.fr

INRIA Sophia Antipolis

In short ...

Background

- B.Tech. in Computer Science & Engineering; 2005-2009, Indian Institute of Technology Delhi, India.
- Master in Computational Biology and Biomedicine; 2011-2012, Université de Nice Sophia Antipolis, France.

In short …

Background

- B.Tech. in Computer Science & Engineering; 2005-2009, Indian Institute of Technology Delhi, India.
- Master in Computational Biology and Biomedicine; 2011-2012, Université de Nice Sophia Antipolis, France.
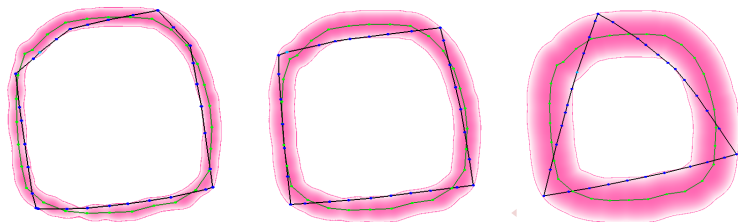
Experience

- Summer Internship, Abo Akademi University, Finland, 2007.
- Summer Internship, Texas Instruments, Bangalore, India 2008.
- Software engineer, Accellion Pvt. Ltd, Singapore, 2009-11.
- Masters thesis at Geometrica, INRIA, 2012.

Robust Shape Approximation with Guarantees

- Given a closed surface (point set, or a surface polygon mesh, etc) and tolerance volume around this surface
- We wish to reconstruct surface polygon mesh with
  - minimum number of vertices
  - with-in tolerance volume
  - self-intersection free

Advisors: Pierre Alliez.

Past student's experience
Riccardo Ravaioli

ravaioli@i3s.unice.fr
PhD candidate at SigNet team (i3s - CNRS)

My studies in short

- **Bachelor's degree in CS**
  - 2007/2010 University of Bologna, Italy
  - 2009/2010 University of Illinois at Urbana-Champaign, USA

- **Master's degree (still) in CS**
  - 2010/2012 University of Bologna, Italy
  - 2011/2012 Ubinet (joint degree)

- **PhD candidate at i3s**
  - October 2012... until October 2015 :)
  - Advisor: Guillaume Urvoy-Keller (i3s),
    Co-advisor: Chadi Barakat (Inria)

My Ubinet experience & beyond

- **Projet de Fin d'Études (PFE)**
  - 120-h state-of-the-art study on detection of Internet neutrality violations
  - First hands-on experience on a hot research topic
  - Advisor: Chadi Barakat (team Planète, Inria)

- **Internship**
  - 6-month research project
  - Advisor: Chadi Barakat (team Planète, Inria)
  - Natural continuation of PFE
  - Work published at CoNext '12, Student Workshop

My Ubinet experience & beyond

- **PhD candidate**
  - <u>Labex</u> scholarship
  - *"Active and Passive Inference of Network Neutrality"*
  - Advisor: Guillaume Urvoy-Keller (i3s),
    Co-advisor: Chadi Barakat (Inria)

Student's experience

Nicaise CHOUNGMO FOFACK

nicaise.choungmo_fofack@inria.fr

EQUIPE PROJET
Maestro
INRIA Sophia-Antipolis Méditerranée

In Short…

1. **Eng. Degree – ENSA (Morocco)**

    Industry Job $^{-\,-+}$ --vs-- Research willing $^{+++}$

2. **Master IFI – Option UBINET**

    Opportunities $^{++}$, Background $^{+}$, Teachings $^{++}$

    → 120 hours @ Maestro/Inria, "Green 3G Networks"

    → 6 months @ Lognet/Inria, "NFC/RFID techs and P2P nets"

3. **PhD Student – EDSTIC**

    → MESR Grant with Maestro/Inria,

    "Performance Analysis of Time-To-Live Cache Networks"

During the Master

1. **Personal Experience**

   Family $^-$, Courses $^{5+}$, Projects & Internship $^{3+}$, Information $^{4+}$

2. **Group Experience**

   Integration^{5+} , Working together^{++}, Backgrounds $^{4+}$,

   After-Classes $^+$

3. **Professor Support**

   Availability^{5+} , Scientific expertise $^{5+}$,