The Global Bridge Framework for Collaborative Research and Education

GBF-CRE UOIT<-->Shizuoka University

AND

The UOIT - Shizuoka University Summer Program 2015

Kamen Kanev
http://faculty.uoit.ca/kanev/

GBF-CRE UOIT<-->Shizuoka University

We are currently working toward implementing a Memorandum of Understanding (MoU) between the Faculty of Informatics at Shizuoka University and the Faculty of Business and Information Technology at University of Ontario Institute of Technology.

The framework is being extended university-wide and a MoU between the Research Institute of Electronics (RIE) at SU and the Faculty of Engineering and Applied Science (FEAS) at UOIT is considered for implementation in the future.

UOIT - Shizuoka University Summer Program 2015

Faculty and staff at UOIT (in alphabetical order)

- Scott Clerk (Program Manager, International Office)
- Patrick Hung (Associate Professor, Information Security)
- Kamen Kanev (Adjunct Professor, FBIT)
- Bill Kapralos (Associate Professor, Game Development)
- Michael Owen (Vice President, UOIT)
- Jennifer Percival (Associate Dean, Programs)
- Melissa Picard (International Program Co-ordinator)
- Stephen Rose (Associate Dean, External)
- Miguel Vargas (Associate Professor, Information Security)

GBF-CRE UOIT<-->Shizuoka University

The Global Bridge Framework for Collaborative Research and Education GBF-CRE engages faculty, staff, and students from the Faculty of Informatics at Shizuoka University in Japan and the Faculty of Business and Information Technology at the University of Ontario Institute of Technology in Canada.


UOIT - Shizuoka University Summer Program 2015

A group of six students from the University of Ontario Institute of Technology, Canada is visiting Shizuoka University in the period August 17-21, 2015.

Shizuoka University students are invited to join and participate in on-campus activities of the related UOIT – Shizuoka University (SSSV) Summer Program.

Best participants will be considered for a return visit to UOIT on a priority basis.

UOIT - Shizuoka University Summer Program 2015

Faculty and staff at Shizuoka University (in alphabetical order)

- Kamen Kanev (Professor, Faculty of Informatics)
- Masakatsu Kimura (Vice President of Shizuoka University)
- Tatsuhito Konishi (Professor, Faculty of Informatics)
- Masakatsu Nishigaki (Professor, Faculty of Informatics)
- Sanshiro Sakai (Dean, Faculty of Informatics)
- Akichika Shiom (Professor, Faculty of Informatics)
- Yasuto Shirai (Professor, Faculty of Informatics)
- Valerie Wilkinson (Professor, Faculty of Informatics)
**UOIT - Shizuoka University Summer Program 2015**

Visitors from UOIT

- **Group Leader:**
  - Dr. Patrick Hung (*UOIT, FBIT*)

- **Students:**
  - Gianfranco Ingratta (*UOIT, Business Program*)
  - Kristopher Maddeaux (*UOIT, Business Program*)
  - William Lee (*UOIT, Business Program*)
  - William Cooper (*UOIT, Business Program*)
  - John-Mark Labonte (*UOIT, Game Program*)
  - Kevin Pang (*UOIT, Game Program*)

**Activities Schedule:**

- **2015.08.16 (Sun)**
  - Evening: Arrival and stay in Tokyo (P.Hung)
    - 20:25 Arrival at Haneda airport
    - 20:30-21:30 Arrival formalities, checked luggage recovery, customs clearance, etc.
    - 21:30-22:00 Travel by train to Shinagawa, change to Aomono-yokochō station
  - Accommodation: *Toyoko Inn Tokyo Shinagawa Aomono-yokochō-eki*

- **2015.08.17 (Mon)**
  - Morning: Travel to Hamamatsu-shi by Shinkansen (P.Hung, K.Kanev)
    - 8:45 Arrival at Shinagawa JR station
    - 9:10-10:32 Travel to Hamamatsu-shi by Shinkansen
    - 10:40-11:10 Travel to Shizuoka University Hamamatsu Campus by bus
    - 11:10-11:50 On-campus arrangements: room access, luggage, etc.
  - Lunch Break: 11:50-12:45
  - Afternoon: Opening, orientation, introductions, etc. (K.Kanev, P.Hung, Y.Shirai, International Center Representative)
    - 12:45-14:15
      - Opening of the Summer Program (K.Kanev)
      - Welcome message by the Dean of the Faculty of Informatics (S.Sakai)
      - Orientation and introduction of program participants (Y.Shirai, P.Hung)
    - 14:25-16:05 Introduction to Shizuoka University organization, educational activities, research, international programs, etc. (International Center Representative)
    - 16:05-17:00 On-campus accommodation: registration, payment, check-in, etc. (K.Kanev)
    - 18:00-21:00 Welcome Reception (TBD)
  - Accommodation: On-campus

- **2015.08.18 (Tue)**
  - Morning: On-campus lectures: IT Industry (Y.Shirai, P.Hung)
    - 8:40-10:10 Overview of the IT Industry in Japan (Y.Shirai)
    - 10:20-11:50 IT Industry and Business Development in Canada (P.Hung)
  - Lunch Break: 11:50-12:30
  - Afternoon: Field trip to Yamaha Motors plant and museum (K.Kanev, P.Hung, T.Kurita)
    - 13:30-14:30 Travel to Yamaha Kakegawa Factory by bus
    - 14:30-14:45 Yamaha Harmony Plaza visit (max 25 persons)
    - 14:45-16:15 Return to Hamamatsu campus by bus
  - Accommodation: On-campus

- **2015.08.19 (Wed)**
  - Morning: On-campus lectures: Selected Topics in Security (K.Kanev, M.Nishigakī)
    - 8:40-10:10 Gesture Biometrics and Security (K.Kanev)
    - 10:20-11:50 Advancements in Information Security (M.Nishigakī)
  - Lunch Break: 11:50-12:45
  - Afternoon: Field trip to Yamaha Musical Instruments Factory in Kakegawa (K.Kanev, P.Hung, T.Kurita)
    - 13:30-14:30 Travel to Yamaha Kakegawa Factory by bus
    - 14:30-14:45 Yamaha Harmony Plaza visit
    - 14:45-16:15 Yamaha Kakegawa Factory visit
    - 16:15-17:00 Return to Hamamatsu campus by bus
  - Accommodation: On-campus
### UOIT - Shizuoka University Summer Program 2015

**2015.08.20 (Thu)**
- Morning: On-campus lectures and cultural activities (K.Kanev, P.Hung, Y.Shirai)
  - 8:40-10:10 Video-conference lecture (V.Wilkinson)
  - 10:20-11:50 Shizuoka University campus introduction, etc. (International Center Representative)
- Lunch Break: 11:50-12:45
- Afternoon: Field trip to Suzuki facilities (museum, etc.)
  - 13:30-15:30 Visiting
- Accommodation: On-campus

### UOIT - Shizuoka University Summer Program 2015

**2015.08.22 (Sat)**
- Morning: Departure to Canada from Narita airport (P.Hung)
  - 9:00 Check out (return the room keys to the guard boot at the main campus entrance)
  - 9:15-9:45 Travel to Hamamatsu JR Station by bus
  - 10:10-11:40 Travel to Tokyo, Shinagawa station by Shinkansen
  - 12:00-12:30 Leaving luggage at hotel, check in (Toyoko Inn Tokyo Shinagawa Aomono-yokocho-eki)
- Lunch Break: 12:30-13:30
- Afternoon: Field trips and cultural activities in Tokyo (P.Hung, T.Kurita)
  - 13:00-13:30 Moving to Akihabara by train
  - 13:30-13:50 Visiting
- Accommodation: Toyoko Inn Tokyo Shinagawa Aomono-yokocho-eki

### UOIT - Shizuoka University Summer Program 2015

**2015.08.23 (Sun)**
- Afternoon: On-campus activities (K.Kanev, P.Hung)
  - 12:45-14:15 Student Presentations and Evaluation (6x15m)
  - 14:25-16:05 Student Presentations and Evaluation (6x15m)
- 18:00-21:00 Farewell Reception (TBD)
- Accommodation: On-campus

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Shizuoka University students who participate actively in this program and demonstrate genuine interest in international exchanges will be considered for inclusion on a priority basis in the group of student that will visit UOIT in the future.
Academic Programs at UOIT

• Faculty of Business and Information Technology
  – Business Administration
  – Commerce (Accounting, Finance, Organizational Behaviour and Human Resources Management, Marketing)
  – Information Technology (Game Development and Entrepreneurship, Networking and IT Security)
• Faculty of Energy Systems and Nuclear Science
  – Energy Systems Engineering
  – Health Physics and Radiation Science
  – Nuclear Engineering
• Faculty of Science
  – Applied and Industrial Mathematics
  – Applied Bioscience
  – Biological Science
  – Chemistry
  – Computer Science
  – Life Sciences
  – Materials Science
  – Pharmaceutical Chemistry
  – Physics
• Faculty of Engineering and Applied Science
  – Automotive Engineering
  – Electrical Engineering
  – Manufacturing Engineering
  – Mechanical Engineering
  – Software Engineering

Computer Science at UOIT

• The Computer Science program aims to produce graduates with a technical background in IT as well as project management and people skills.
• 27 faculty members part of the Computer Science graduate program
• Interdisciplinary program which crosses 4 faculties:
  – Faculty of Science,
  – Faculty of Business and Information Technology
  – Faculty of Engineering and Applied Science and
  – Faculty of Health Science

Computer Science Research Expertise

• Software Design
  – Design and implementation of software systems
  – Software engineering,
  – Distributed computing
  – Software architecture
• Networks and Information Technology Security
  – Design, implementation and management of computer networks
  – Cryptography, malware analysis, secure communications
• Digital media
  – Computer technology applications in audio, graphics, information visualization, computer animation, computer games and computer vision
• Information Systems
  – Distribution and management of database systems, services computing, intelligent systems and health informatics.
• Data Visualization

Selected Graduate Programs at UOIT

• Mechanical Engineering (MASc, MEng, PhD)
• Automotive Engineering (MASc, MEng)
• Electrical Engineering (MASc, MEng, PhD)
• Nuclear Engineering (MASc, MEng, PhD)
• Applied Bioscience (MSc, PhD)
• Computer Science (MSc, PhD)
• Materials Science (joint with Trent University) (MSc)
• Modeling and Computational Science (MSc)
• Master of Information Technology Security (MITS)
• Master of Business Administration (MBA)
• Criminology (MA)
• Education (MA, Med)
• Health Sciences (MHSc)

Thank You