Accelerating the OSU/NU Visiting Faculty Program

2022 August

Key NU Faculty Members for NU/OSU research collaboration
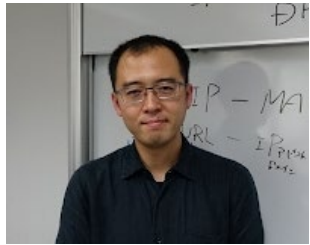
Interests: audio, speech, and human behavior signal processing

https://sites.google.com/a/g.sp.m.is.nagoya-u.ac.jp/takedalab-en/member

Google Scholar Web page:
https://scholar.google.com/citations?hl=en&user=O4epWMcAAAAJ

Prof. Kazuya Takeda

Interests: speech processing, Sound Media Information Processing

https://sites.google.com/site/tomokitoda/home_eng

Google Scholar Web page:
https://scholar.google.com/citations?user=v1yxW_kAAAAJ&hl=en

Prof. Tomoki Toda

Interests: Virtual endoscopy, Virtualized Endoscopy, Medical image processing, CAD, Endoscopy navigation, Surgical simulation, Bronchoscope Navigation

http://www.newves.org/wiki/index.php?English%2FKensaku%20Mori

Google Scholar Web page:
https://scholar.google.co.jp/citations?user=o0tylKsAAAAJ&hl=en

Prof. Kensaku Mori

Young NU Faculty Members for NU/OSU research collaboration (1/3)

Naoki Nishida
(Associate Professor)
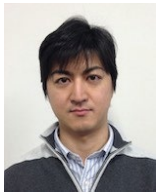
Interests: inverse computation in term rewriting, program transformation, narrowing, conditional term rewriting, garbage collection on C programs

https://www.trs.css.i.nagoya-u.ac.jp/~nishida/
Google Scholar Web page:
https://scholar.google.com/citations?user=DTkcoGUAAAAJ&hl=en

Yutaka Matsubara
(Associate Professor)

Interests: software platform for automotive control systems, hierarchical scheduling algorithm and RTOS for integrating real-time applications

https://sites.google.com/site/yutakaertl/profile-e
DBLP Web page:
https://dblp.org/pid/06/3471.html

Hajime Shimada
(Associate Professor)

Interests: cyber-security, network security, network architecture computer architecture, low-power consumption architecture

https://www.net.itc.nagoya-u.ac.jp/member/shimada/index.html.en
DBLP Web page:
https://dblp.org/pid/10/5714.html

Satoshi Oshima
(Associate Professor)

Interests: high-performance computing, programming environment, parallel processing, numerical calculation

https://profs.provost.nagoya-u.ac.jp/html/100010660_en.html

Young NU Faculty Members for NU/OSU research collaboration (2/3)

Daisuke Deguchi
(Associate Professor)

Interests: image processing, pattern recognition, computer vision, 3D image processing, video processing, road scene understanding using In-vehicle camera, medical image processing

https://www.vislab.is.i.nagoya-u.ac.jp/~ddeguchi/en/index.html
Google Scholar Web page:
https://scholar.google.co.jp/citations?user=OO215U0AAAAJ&hl=en

Keisuke Fujii
(Associate Professor)

Interests: machine learning, multi-agent systems, behavior sports science, computational biology, robotics

https://sites.google.com/view/keisuke1986en/
Google Scholar Web page:
https://scholar.google.co.jp/citations?user=GnhtxzsAAAAJ&hl=en

Takahiro Komamizu
(Associate Professor)

Interests: database, data mining, Imbalanced classification, Linked Open Data, analytical processing, big data analysis

https://taka-coma.pro/
Google Scholar Web page:
https://scholar.google.co.jp/citations?user=j4n_V44AAAAJ&hl=en

Ryohei Sasano
(Associate Professor)

Interests: natural language processing, frame semantics, predicate-argument structure analysis, anaphora resolution

http://cr.fvcrc.i.nagoya-u.ac.jp/~sasano/index-e.html
Google Scholar Web page:
https://scholar.google.com/citations?user=g9mNQ9MAAAAJ&hl=en

Young NU Faculty Members for NU/OSU research collaboration (3/3)

Masahiro Oda
(Associate Professor)

Interests: machine learning, CAS, CAD, computer aided diagnosis, computer assisted surgery, medical image processing

https://profs.provost.nagoya-u.ac.jp/html/100002241_en.html
Google Scholar Web page:
https://scholar.google.co.jp/citations?user=OYIZMScAAAAJ&hl=en

Collaboration Candidates in the Medical and Engineering Fields

- **Medical imaging** (Prof. Mori)
- **Medical text analysis** (Prof. Koichi Takeda)

- **Materials Informatics**

Process Informartics:
- Prof. Noritaka Usami (http://www.numse.nagoya-u.ac.jp/photonics/)
- Prof. Tohru Ujihara (https://ujihara.material.nagoya-u.ac.jp/)
- Prof. Yoshiaki Kawajiri (https://www.material.nagoya-u.ac.jp/process_info_eng/index.html)

Materials Informatics / Materials Integration:
- Prof. Yoshitaka Adashi (https://www.material.nagoya-u.ac.jp/Adachi-lab/WWW/index.html
- Prof. Hajime Kimizuka (https://sites.google.com/view/cmsm-kimizlab)
- Prof. Toshiyuki Koyama (http://www.material.nagoya-u.ac.jp/PFM/)