Department of Computer Science and Systems Engineering

Tetsuro Katayama
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History

- Our department is established in 1990.
  - Quota of students: 40
  - Quota of students: 8
- Reorganization of department: 1999.
  - Quota of students: 60
  - Quota of graduate school students: 18
- Reorganization of department: 2012.
  - Quota of students: 54
  - Quota of graduate school students: 19.

Staff: Professor

- Dr. Hiroshi Furutani
  - Soft computing / Life, Health, Medical informatics
- Dr. Isamu Hatsukade
  - Astronomy / Image processing
- Dr. Naonobu Okazaki
  - Information network / Network security
- Dr. Kunihiro Yamamori
  - Parallel computing / Neural network

Staff: Associate professor

- Dr. Akira Date
  - Mathematical neuroscience
- Dr. Satoshi Ikeda
  - Theory of informatics / Graph theory / Algorithm
- Dr. Tetsuro Katayama
  - Software engineering / Embedded systems
- Dr. Shinichiro Kubota
  - Information network / Mobile network
- Dr. Makoto Sakamoto
  - Theoretical computer science / Computer graphics / Animation

Staff: Assistant professor

- Dr. Susumu Katayama
  - Intelligent informatics / Functional programming / Machine learning
- Dr. Hisaaki Yamaba
  - Manufacturing information system / Object-oriented / Network security

DDP (Double Degree Program)

- 1 student is accepted last year (Oct. 2013 – Sep. 2014).
  - Mr. Mochamad Chandra Saptra
  - He is a student of University of Brawijaya in Indonesia.
  - His master thesis title: Implementation of a Web-based Visualization Testing Tool for Java Programs: Web-VisIon
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<tr>
<th>Name</th>
<th>Title</th>
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<td>Development of a night sky brightness measuring system and a survey of light pollution in Miyazaki City</td>
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<td>Yusuke Kato</td>
<td>An estimation for the handicap of Reversi using a strategy depending on the depth of game tree</td>
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<td>Shoichiro Kitano</td>
<td>ComeBug: An automatic testing tool which has reproducible execution of Java multi-threaded programs with an extended Petri-net</td>
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<td>Takumi Tamura</td>
<td>A study of the image-based CAPTCHA to absorb OCR-based bot-attacks using random obstruction figures</td>
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<td>Hiroto Nakamura</td>
<td>TFVIS: a supporting debugging tool for Java programs by visualizing data transitions</td>
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<td>Kenta Nishikawa</td>
<td>VDTable: an automatic decision table generation tool from VDM++ specification</td>
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<td>Hayato Haraguchi</td>
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<td>Yusuke Yamada</td>
<td>Composition systems and their applications to pattern recognition</td>
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<td>Small area fault-tolerant design for arithmetic devices by error-correction code</td>
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<td>Tatsunori Yonemura</td>
<td>A study on map generation by quadrotor with monocular camera</td>
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<td>Kaoru Wasai</td>
<td>A study of the flexibility of the security level of authentication method on mobile terminals</td>
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<td>Yifei Du</td>
<td>Study on the first appearance time of the solution in genetic algorithm</td>
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