Joint Call for Papers (co-located conferences)





Main website, http://conf.kyusan-u.ac.jp/ Hosted by: Kyushu Sangyo University, Fukuoka, Japan September 04~07, 2012



*The 9th IEEE International Conference on Ubiquitous Intelligence and Computing * (UIC 2012, http://conf.kyusan-u.ac.jp/uic2012/)

The 9th IEEE International Conference on Autonomic and Trusted Computing (ATC 2012, http://conf.kyusan-u.ac.jp/atc2012/)

The 12th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP-12, http://anss.org.au/ica3pp12/)

UIC/ATC/ICA3PP 2012

IMPORTANT DATES

Workshop Proposals Due/Notification: Ongoing as received Paper Submission Deadline: April 30, 2012 (Extended) Demo/Exhibit Paper Submission Deadline: April 30, 2012 Authors Notification: June 15, 2012 Final Manuscript Due: June 28, 2012

Workshops in conjunction with UIC 2012:

The 2012 International Workshop on Ubiquitous Service Models and Applications (USMAP-2012)
The 2012 International Workshop on Ubiquitous Information Security Techniques and Applications (UISTA-2012)
The 4th International Workshop on Wireless Network Algorithm and Theory (WiNA-2012)
The 2012 International Workshop on Embedded Intelligence and Smart Systems (WEISS-2012)
The 2012 International Workshop on Ubiquitous Information Processing and Management (UIPM-2012)

The 2012 International Workshop on Green and Pervasive Software (GreenPS-2012)

The 2012 International Workshop on Infrastructure, Technologies and Applications for Distributed Data Collection, Processing, and Dissemination (DDCPD-2012)

Symposium in conjunction with ATC 2012:

The Third International Symposium on Multidisciplinary Emerging Networks and Systems (MENS2012)

Workshop in conjunction with ICA3PP 2012:

The 1st International Workshop on Cognitive Distributed Computing and Networking (CDCN 2012)

NOTE: The accepted papers in the UIC 2012 and ATC 2012 main conferences, its related workshops, the demo/exhibit papers will be published by IEEE-CS CPS ((IEEE-DL and El indexed).

Accepted papers in ICA3PP 2012 and its related workshops will be published by Springer-LNCS (El Indexed).

UIC 2012 Journal Special Issues:

International Journal of Communication Systems (Impact Factor: 0.226)

Journal of Internet Technology (Impact Factor: 0.448), Journal of Systems Architecture (Impact Factor: 0.667)

ATC 2012 Journal Special Issues:

Journal of Computing (Springer), International Journal of Autonomic Computing (IJAC) International Journal of Adaptive, Resilient and Autonomic Systems (IJARAS) Journal of Computer and System Sciences (Elsevier) (MENS 2012 Symposium)

ICA3PP 2012 Journal Special Issues:

Concurrency and Computation (Wiley, SCI and El Indexed, Impact Factor: 0.907)
Future Computer Generation Systems (Elsevier, SCI and El Indexed, Impact Factor: 2.365)

Sponsors:

The Institute of Electrical and Electronics Engineers (IEEE), The IEEE Computer Society (IEEE-CS)
The IEEE Technical Committee on Scalable Computing (IEEE-TCSC), The Fukuoka Convention and Visitors Bureau (FCVB) (Pending)

In cooperation with:

The Information Processing Society of Japan (IPSJ), The IPSJ Special Interest Group on Distributed Processing Systems (SIG-DPS)

The IPSJ Special Interest Group on Mobile Computing and Ubiquitous Communication (SIG-MBL)

The IPSJ Special Interest Group on Computer Security (SIG-CSEC) (Pending)

The IPSJ Special Interest Group on Computer Security (SIG-CSEC), The IEICE Special Interest Group on Dependable Computing (SIG-DC)

The Institute of Electronic, Information, and Communication Engineers (IEICE)

IMPORTANT: For more information and submission details, visit the corresponding conference websites and related links.

Scope and topics of each conference can be found in the subsequent pages.

UIC-2012 CFP

The 9th IEEE International Conference on Ubiquitous Intelligence and Computing (UIC 2012)



- Building Smart Worlds in Real and Cyber Spaces -

http://conf.kyusan-u.ac.jp/uic2012

September 04-07, 2012, Fukuoka, Japan Hosted by Kyushu Sangyo University, Fukuoka, Japan Co-located with ATC 2012, ICA3PP-2012



Honorary Chairs

Iwao Yamamoto, Kyushu Sangyo University, Japan Norio Shiratori, Tohoku University, Japan Stephen S. Yau, Arizona State University, USA

General Chairs

Bernady O. Apduhan, Kyushu Sangyo University, Japan Sumi Helal, University of Florida, USA Robert C. Hsu, Chung Hua University, Taiwan

General Executive Chair

Tadashi Dohi, Hiroshima University, Japan

Program Chairs

Takuo Suganuma, Tohoku University, Japan Tzung-Shi Chen, National University of Tainan, Taiwan

Program Vice Chair

Chih-Yung Chang, Tamkang University, Taiwan Shigeru Fujita, Chiba Institute of Technology, Japan Bessam Abdulrazak, University of Sherbrooke, Canada

Workshop Chairs

e-Shan Chang, National Taipei of University, Taiwan Guanling Chen, University of Massachusetts, USA

Demo/Exhibit Chair

Kai Cheng, Kyushu Sangyo University, Japan

Advisory Committee

Katsuya Matsunaga, Kyushu Sangyo University, Japan Teruo Higashino, Osaka University, Japan Kenji Mase, Nagoya University, Japan Akio Miyazaki, Kyushu Sangyo University, Japan Kouchi Sakurai, Kyushu University, Japan Jeffrey J.P. Tsai, University of Illinois at Chicago, USA Mohan Kumar, University of Texas at Arlington, USA Max Muehlhaeuser, Darmstadt Univ. of Tech., Germany Jiannong Cao, Hong Kong Polytechnic Univ., HK Yuanchun Shi, Tsinghua University, China Zhaohui Wu, Zhejiang University, China Xingshe Zhou, Northwest Polytechnic Univ., China Ahhwee Tan, Nanyang Technological Univ., Singapore

Steering Committee

Jianhua Ma (chair), Hosei University, Japan Laurence T. Yang (chair), St. Francis Xavier Univ.,

Hai Jin, Huazhong University of Sci. & Tech., China Theo Ungerer, University of Augsburg, Germany Jadwiga Indulska, University of Queensland, Australia Daqing Zhang, Institute TELECOM SudParis, France

Publicity Chairs
Bin Guo, Northwestern Polytechnical Univ., China Hiroaki Higaki, Tokyo Denki University, Japan

Panel Chairs

Runhe Huang, Hosei University, Japan

Award Chairs

Frode Eika Sandnes, Oslo University College, Norway Ren-Hung Huang, National Chung Cheng Univ., Taiwan

International Liaison Chairs

Zhiwen Yu, Northwestern Polytechnical Univ., China Yo-Ping Huang, National Taipei Univ. of Tech., Taiwan Young-Sik Jeong , Wonkwang University, Korea Ramiro Liscano, Univ. of Ontario Inst. of Tech., Canada Mario Koeppen, Kyushu Institute of Technology, Japan

Industrial Liaison Chairs

Local Arrangements Committee

Kazuaki Goshi, Kyushu Sangyo University, Japan Masaki Hayashi, Kyushu Sangyo University, Japan Toshihiko Shimokawa, Kyushu Sangyo University, Japan

Yoshihiro Yasutake, Kyushu Sangyo University, Japan

Web Chair

Toshihiro Uchibayashi, Kyushu Sangyo University, Japan Qiwen Pan, St. Francis Xavier University, Canada

Technical Program Committee

See the UIC 2012 website,

http://conf.kyusan-u.ac.jp/uic2012/

Ubiquitous sensors, devices, networks and information are paving the way towards a smart world in which computational intelligence is distributed throughout the physical environment to provide reliable and relevant services to people. This ubiquitous intelligence will change the computing landscape because it will enable new breeds of applications and systems to be developed and the realm of computing possibilities will be significantly extended. By enhancing everyday objects with intelligence, many tasks and processes could be simplified, the physical spaces where people interact like the workplaces and homes, could become more efficient, safer and more enjoyable. Ubiquitous computing, or pervasive computing, uses these many "smart things or u-things" to create smart environments, services and applications.

A smart thing can be endowed with different levels of intelligence, and may be context-aware, active, interactive, reactive, proactive, assistive, adaptive, automated, sentient, perceptual, cognitive, autonomic and/or thinking. Research on ubiquitous intelligence is an emerging research field covering many disciplines. A series of grand challenges exist to move from the current level of computing services to the smart world of adaptive and intelligent services. Started in 2005, the series of UIC conferences has been held in Taipei, Nagasaki, Three Gorges (China), Hong Kong, Oslo, Brisbane, Xi'an, and Banff. UIC 2012 will include a highly selective program of technical papers, accompanied by workshops, panel discussions and keynote speeches. Established as a premier venue in the area of ubiquitous intelligence and computing, UIC 2012 will offer a forum for researchers to exchange ideas and experiences in developing intelligent/smart objects, environments and systems.

The UIC 2012 topics include but are not limited to the following:

1. Ubiquitous Intelligent/Smart Systems

- * Sensor, Ad Hoc, Mesh & P2P Networks
- * Social Networking and Computing
- * Knowledge Representation and Ontology
- * Wearable, Personal and Body Area Systems
- * Middleware and Intelligent Platforms
- * Intelligent Services and Architectures * Agents, Swarm and Context-aware Systems
- * Nature-inspired Intelligent Systems

2. Ubiquitous Intelligent/Smart Environments

- * Smart Room, Home, Office, Laboratory
- * Smart Shop, Hospital, Campus, City, etc.
- * Smart Vehicle, Road, Traffic & Transportation
- * Healthcare and Elder/Child Care Services
- * Pervasive/Ubiquitous Media and Services * Pervasive Learning, Games, Entertainment
- * Other Intelligent/Smart Applications

4. Personal/Social/Physical Aspects

3. Ubiquitous Intelligent/Smart Objects

* Electronic Labels, Cards, E-Tags and RFID

Embedded Chips, Sensors & Actuators

* Smart Appliances and Wearable Devices

* Material, Textile, Cloth, Furniture, etc.

* Interaction to Smart Objects/Devices

* Smart Object OS and Programming

* Embedded Software and Agents

MEMS, NEMS, Micro & Biometric Devices

- * Real/Cyber World Modeling and Semantics
- * User/Object Identity and Activity Recognition
- * Adaptive User Interfaces and Tools
- * Security, Privacy, Safety and Legal Issues
- * Emotional, Ethical and Psychological Factors
- * Implication & Impact of Ubiquitous Intelligence
- * Relations between Real and Cyber Worlds

IMPORTANT DATES

Paper Submission Deadline: April 30, 2012 June 15, 2012 **Authors Notification: Final Manuscript Deadline:** June 28, 2012

WORKSHOPS/DEMOS/EXHIBITS

The UIC 2012 Organizing Committee invites proposals for workshops and demos/exhibits affiliated with the conference and addressing research areas related to the conference. Accepted workshop/demo papers will be included in the proceedings published by IEEE CPS Press. Click the following links for submission details/deadlines. For workshop proposals, http://conf.kyusan-u.ac.jp/uic2012/wsprop/ For demo/exhibit proposals, http://conf.kyusan-u.ac.jp/uic2012/demoprop/

PAPER SUBMISSION

Main conference papers need to be prepared according to the IEEE CPS format, 7 to 8 pages, and submitted in PDF format via the UIC 2012 submission site: http://cse.stfx.ca/~uic2012/sub/

PAPER PUBLICATION

Accepted conference papers will be published by IEEE CPS (IEEE-DL and El indexed). At least one author of each accepted paper is required to register and present their work at the conference; otherwise the paper will not be included in the proceedings. Best Paper Awards will be presented to high quality papers. Selected papers, after further extensions and revisions, will be published in special issues of prestigious journals (IJCS, IF=0.226; JIT, IF=0.448, JSA, IF=0.667).

ATC-2012 CFP

The 9th IEEE International Conference on

Autonomic and Trusted Computing (ATC 2012)



- Bring Safe, Self-x and Organic Computing Systems into Reality -

Kyushu Sangyo University, Fukuoka, Japan, September 04-07, 2012 Co-located with UIC 2012, ICA3PP-2012



Honorary Chairs

Iwao Yamamoto, Kyushu Sangyo University, Japan Theo Ungerer, University of Augsburg, Germany

General Chairs

Tadashi Dohi, Hiroshima University, Japan Manish Parashar, Rutgers University, USA

General Executive Chair

Bernady O. Apduhan, Kyushu Sangyo University, Japan

Program Chairs

Kenji Ishida, Hiroshima City University Japan Kat inka Wolter, Freie Universität, Germany

Program Vice Chairs

Naoki Wakamiya, Osaka University, Japan Hiroaki Morino, Shibaura Institute of Technology, Japan Saneyasu Yamaguchi, Kougakuin University, Japan

Workshops Chairs

Tatsuhiro Tsuchiya, Osaka University, Japan Robert C. Hsu, Chung Hua University, Taiwan

Demo/Exhibit Chair

Minoru Uehara, Toyo University, Japan

Advisory Committee
Hartmut Schmeck (Chair), Karlsruhe Inst. of Tech., Germany
Jeffrey J.P. Tsai, University of Illinois at Chicago, USA
Tharam Dillon, Curtin University of Technology, Australia Chin-Chen Chang, Feng Chia University, Taiwan Jean Camp, Indiana University, USA Jurgen Branke, University of Warwick, UK Raouf Boutaba, University of Waterloo, Canada Wolfgang Reif, University of Augsburg, Germany Zhen Liu, Nokia Research Center, China Zhong Chen, Peking University, China Chunming Rong, Stavanger University, Norway James J. Park, Seoul Nat. Univ. of Sci. and Tech., Korea

Steering Committee

Jianhua Ma (chair), Hosei University, Japan Laurence T. Yang (chair), St. Francis Xavier Univ., Canada Hai Jin, Huazhong University of Sci. & Tech., China Jadwiga Indulska, University of Queensland, Australia Daging Zhang, Institute TELECOM SudParis, France Christian Müller-Schloer, Leibniz Univ. Hannover, Germany

Publicity Chairs

Guojun Wang, Central South University, China Noura Limam, Pohang Univ. of Sci. and Tech., Korea Xiaolin (Andy) Li, University of Florida, USA Hiroaki Kikuchi, Tokai University, Japan

Panel Chairs Yuanshun Dai, Univ. of Science and Technology, China

Award Chairs

Frode Eika Sandnes, Oslo University College, Norway

International Liaison Chairs

Yan Wang, Macquarie University, Australia Zheng Yan, Nokia Research Center, Finland Bing Xie, Peking University, China Sang-Soo Yeo, Mokwon University, Korea

Industrial Liaison Chairs

Ruo Ando, NICT, Japan Jose M. Alcaraz Calero, Hewlett-Packard Laboratories, UK

Local Arrangements Committee

Kai Cheng, Kyushu Sangyo University, Japan

Kazuaki Goshi, Kyushu Sangyo University, Japan

Masaki Hayashi, Kyushu Sangyo University, Japan

Toshi hiko Shimokawa, Kyushu Sangyo University, Japan

Yoshi hiro Yasutake, Kyushu Sangyo University, Japan

Web Chairs

Toshihiro Uchibayashi, Kyushu Sangyo University, Japan Qiwen Pan, St. Francis Xavier University, Canada

Technical Program Committee

See the ATC 2012 website, http://conf.kyusan-u.ac.jp/atc2012/

Computing systems including hardware, software, communication, and networks are growing towards an ever-increasing scale and heterogeneity, becoming overly complex. Such complexity is getting even more critical with the ubiquitous permeation of embedded devices and other pervasive systems. To cope with the growing and ubiquitous complexity, Autonomic Computing (AC) focuses on self-manageable computing and communication systems that exhibit self-awareness, self-configuration, self-optimization, self-healing, self-protection and other self-x operations to the maximum extent possible without human intervention or guidance. Organic Computing (OC) additionally addresses adaptivity, robustness, and controlled emergence as well as nature-inspired concepts for self-organization.

Any autonomic or organic system must be trustworthy to avoid the risk of losing control and retain confidence that the system will not fail. Trust and/or distrust relationships in the Internet and in pervasive infrastructures are key factors to enable dynamic interaction and cooperation of various users, systems, and services. Trusted/Trustworthy Computing (TC) aims at making computing and communication systems as well as services available, predictable, traceable, controllable, assessable, sustainable, dependable, persistent, security/privacy protectable, etc.

A series of grand challenges exists to achieve practical autonomic or organic systems with truly trustworthy services. Started in 2005, the series of ATC conferences has been held at Nagasaki, Vienna, Three Gorges (China), Hong Kong, Oslo, Brisbane, Xian, and Banff. ATC 2012 will include a highly selective program of technical papers, accompanied by workshops, panel discussions and keynote speeches. Established as a premier venue in the area of autonomic and trusted computing, ATC 2012 will offer a forum for researchers to exchange ideas and experiences in the most innovative research and development in these challenging areas and includes all technical aspects related to autonomic/organic computing (AC/OC) and trusted computing (TC). Topics include but are not limited to the following:

- AC/OCTheory and Models

Models, negotiation, cooperation, competition, self-organization, emergence, verification, etc.

- AC/OC Architectures and Systems

Autonomic elements & their relationship, frameworks, middleware, observer/controller architectures, institutional architectures, etc.

- AC/OC Components and Modules

Multi-core CPU, memory, storage, database, device, server, proxy, software, OS, I/O, etc.

AC/OC Communication and Services Networks, self-organized net, web service, P2P, grid,

EaaS, cloud, etc.

- AC/OCTools and Interfaces

Tools/interfaces for AC/OC system development, test, monitoring, assessment, supervision, etc.

- Trust Models and Specifications

Models and semantics of trust, distrust, mistrust, over-trust, cheat, risk, reputation, reliability, etc.

- Trust-related Security and Privacy

Trust-related secure architecture, framework, policy, Intrusion detection/awareness, protocols, trust-adapt ive agents and communities, etc.

- Trusted Reliable and Dependable Systems Fault-tolerant systems, hardware redundancy,

robustness, survivable systems, failure recovery, etc.

- Trustworthy Services and Applications Trustworthy Internet/web/P2P/grid/cloud services, secure mobile services, novel applications, etc.

- Trust Standards and Non-Technical Issues Trust standards and issues related to personality, ethics, sociology, culture, psychology, economy, etc.

IMPORTANT DATES

Papers Submission Deadline: April 30, 2012 **Authors Notification:** June 15, 2012 **Final Manuscript Deadline:** June 28, 2012

WORKSHOPS/DEMOS/EXHIBITS

The ATC 2012 Organizing Committee invites proposals for workshops/demos/exhibits affiliated with the conference and addressing research areas related to the conference. Accepted workshop/demo papers will be included in the proceedings published by IEEE CPS Press. Click the following links for submission details/deadlines.

For workshop proposals: http://conf.kyusan-u.ac.jp/atc2012/wsprop/ For demo/exhibit proposals: http://conf.kyusan-u.ac.jp/atc2012/demoprop/

PAPER SUBMISSION

Main conference papers need to be prepared according to the IEEE CPS format, 7 to 8 pages, and submitted in PDF format via the ATC 2012 submission site: http://cse.stfx.ca/~atc2012/sub/

PAPER PUBLICATION

Accepted main conference papers will be published by IEEE CPS (IEEE-DL indexed). At least one author of each accepted paper is required to register and present their work at the conference; otherwise the paper will not be included in the proceedings.

Best Paper Awards will be presented to high quality papers. Selected papers, after further extensions and revisions, will be published in special issues of prestigious journals (Computing (Springer), IJAC (Inderscience), IJARAS (IGI)).

The 12th International Conference on

Algorithms and Architectures for Parallel Processing (ICA3PP-12)

Springer

Lecture Notes in Computer Science

http://anss.org.au/ica3pp12/

Technically Sponsored by IEEE Technical Committee on Scalable Computing Fukuoka, Japan, September 04-07, 2012

Hosted by Kyushu Sangyo University, Fukuoka, Japan Co-located with ATC- 2012, UIC-2012





Committees

Honorary General Chair

Iwao Yamamoto, Kyushu Sangyo University, Japan

General Chairs

Koji Nakano, Hiroshima University, Japan Albert Zomaya, The University of Sydney, Australia Yang Xiang, Deakin University, Australia

Program Chairs

Ivan Stojmenovic, University of Ottawa, Canada Bernady O. Apduhan, Kyushu Sangyo Univ., Japan Guojun Wang, Central South University, China

International Advisory Committee

Tadashi Dohi, Hiroshima University, Japan (Chair) Toshinori Sueyoshi, Kumamoto University, Japan Akio Miyazaki, Kyushu Sangyo University, Japan Takashi Naka, Kyushu Sangyo University, Japan More to be added.

Steering Committee

Laurence T. Yang, St. Francis Xavier University, Canada

Wanlei Zhou, Deakin University, Australia Yi Pan, Georgia State University, USA Andrzej Goscinski, Deakin University, Australia

Workshop Chairs

Xu Huang, University of Canberra, Australia Bin Xiao, Hong Kong Polytechnic Univ., Hong Kong

Publicity Chairs

Kejie Lu, University of Puerto Rico at Mayaguez, Puerto Rico

Wen Tao Zhu, Chinese Academy of Sciences, China Muhammad Khurram Khan, King Saud University, Saudi Arabia

Toshinori Sato, Fukuoka University, Japan

Demo/Exhibition Chair

Jun Zhang, Deakin University, Australia

Local Arrangement Committee

Kai Cheng, Kyushu Sangyo University, Japan Kazuaki Goshi, Kyushu Sangyo University, Japan Masaki Hayashi, Kyushu Sangyo University, Japan Toshihiko Shimokawa, Kyushu Sangyo Univ., Japan Toshihiro Uchibayashi, Kyushu Sangyo Univ., Japan Yoshihiro Yasutake, Kyushu Sangyo Univ., Japan

Program Committee

Please see ICA3PP-12website at http://anss.org.au/ica3pp12

General Information

ICA3PP-12 is the 12th in this series of conferences started in 1995 that are devoted to algorithms and architectures for parallel processing. ICA3PP is now recognized as the main regular event of the world that covers the many dimensions of parallel algorithms and architectures, encompassing fundamental theoretical approaches, practical experimental projects, and commercial components and systems. As applications of computing systems have permeated in every aspects of daily life, the power of computing system has become increasingly critical. This conference provides a forum for academics and practitioners from countries around the world to exchange ideas for improving the efficiency, performance, reliability, security and interoperability of computing systems and applications.

ICA3PP-12 will be run in technical co-sponsorship (pending) with the IEEE and the IEEE Computer Society Technical Committee on Scalable Computing. ICA3PP-2012 will be co-located with UIC-2012 and ATC-2012 conferences.

Important Dates

Workshop Proposals deadline: Ongoing as received Authors Notification: June 15, 2012

Paper Submission Deadline: April 30, 2012 Final Manuscript Deadline: June 28, 2012

Topics

- Cluster, Distributed & Parallel Operating Systems and Middleware
- Cloud, Grid, and Services Computing
- · Reliability and Fault-tolerant Computing
- Multi-core Programming and Software Tools
- Distributed Scheduling and Load Balancing
- High-performance Scientific Computing
- Parallel Algorithms
- Parallel Architectures
- Parallel and Distributed Databases
- Parallel I/O Systems and Storage Systems
- Parallel Programming Paradigms
- Performance of Parallel & Distributed Computing Systems
- · Resource Management and Scheduling

- Tools and Environments for Parallel & Distributed Software Development
- Software and Hardware Reliability, Testing, Verification and Validation
- Security, Privacy, and Trusted Computing
- Self-healing, Self-protecting and Faulttolerant Systems
- Information Security In Internet
- Multimedia in Parallel Computing
- Parallel Computing in Bioinformatics
- Dependability Issues in Computer Networks and Communications
- Dependability Issues in Distributed and Parallel Systems
- Dependability Issues in Embedded Parallel Systems
- Industrial Applications
- Scientific Applications

Submission Guidelines

Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers must be clearly presented in English, must not exceed 15 pages in LNCS format, including tables, figures, references and appendixes, with Portable Document Format (.pdf). Papers will be selected based on their originality, significance, relevance, and clarity of presentation assessed by at least three reviewers. Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work.

The publication will be **Springer Lecture Notes in Computer Science (EI indexed)**. Best Paper Awards will be presented to high quality papers. Selected best papers will be published in some high quality international journals: Concurrency and Computation: Practice and Experience (Wiley) and Future Generation Computer Systems (Elsevier), all SCI and EI indexed.