PERSONAL INFORMATION Marco Pistore

WORK EXPERIENCE

Jan. 2021 - Today

Director – Digital Society Center

Fondazione Bruno Kessler (FBK) – Via Sommarive 18, 38123 Trento, TN, Italy – www.fbk.eu

- Marco Pistore is the Director of the "Digital Society" research center of FBK. The center is formed by a multidisciplinary team of more than 100 researchers, technologists and managers (including PhD students) organized in 13 research units dedicated to specific research areas in the ICT domain and 2 support units focusing on project management and technology maturation. Its mission is to perform advanced research and develop innovative digital technology to address key challenges of the future digital society.

Business or sector Research, ICT

Jan. 2019 – Today

Head of FBK Digital – Enterprise Information System

Fondazione Bruno Kessler (FBK) – Via Sommarive 18, 38123 Trento, TN, Italy – www.fbk.eu

- FBK Digital (formerly: Data Office) is the office in FBK responsible of the management and evolution of the Enterprise Information System, with the goal of supporting the evolution of FBK towards a data-driven organization.

Business or sector Research, Enterprise Information System

Sep. 2006 – Dec. 2020

Head of Research Unit / Research Line

Fondazione Bruno Kessler (FBK) – Via Sommarive 18, 38123 Trento, TN, Italy – www.fbk.eu

- From January 2019 Marco Pistore has directed the "Digital Society" Research Line of the Center for Information and Communication Technology of FBK. The line coordinates the activities of 12 research units, of a development lab and of a project management team (> 100 people) with the goal of doing advanced research in ICT and exploiting it to solve digital society challenges in the fields of mobility, education, inclusion, sustainability, urban security.
- In year 2018 Marco Pistore has directed the "Smart Cities and Communities" Line of the Center for Information and Communication Technology of FBK. The line coordinated the activities of ~10 research units (> 80 people) with the goal of exploiting research results in ICT to improve quality of life and sustainability in cities and communities.
- From January 2015 to December 2017 Marco Pistore has directed the high impact initiative "Smart Community Lab" (www.smartcommunitylab.it), which aimed at delivering innovative solutions for the smart city based on open platforms, open data, open services and on the engagement of the community through open innovation mechanisms.
- Until December 2014 Marco Pistore has directed the "Service Oriented Applications" (soa.fbk.eu) research unit of the Center for Information Technology of FBK.
- Current main responsibilities include: Management of the research and impact strategy of the line; Management of the strategic partnerships of the line; Management of research units, budget and resources assigned to the line; Definition and management of research and innovation programs; Preparation, acquisition, coordination and execution of strategic research projects.

Business or sector Research, ICT

Sep. 2009 – May 2020	**President, CEO and Founder**

SAYservice srl – Via alla Cascata 56/C, 38123 Trento, TN, Italy – www.sayservice.it

- SAYservice is a spin-off of Fondazione Bruno Kessler that develops advanced IT solutions for service interoperability, both in the enterprise setting (Enterprise SOA) and on Internet and on mobile (Internet of Services). In addition to the management of the company, Marco Pistore had the responsibility of the scientific and strategic drive of the activities of the company.

Business or sector ICT

Sep. 2002 – Aug. 2006	**Associate Professor in Informatics ("Ingegneria Informatica")**

University of Trento – Via Belenzani 12, 38122 Trento, TN, Italy – www.unitn.it

- Associate Professor in Informatics at the Department of Information and Communication Technology (now Department of Engineering and Information Science: disi.unitn.it) of the University of Trento. In addition to the teaching duties (lecturer of Formal Language and Compilers) and to the research activities, Marco Pistore's responsibilities included: Management and lead of the research group on "Software Engineering"; Coordination of the basic (BSc) and specialist (MSc) degrees in Computer Science offered by the science faculty of the University of Trento; Director of the European Master in Informatics (www.eumi-school.org), a joint master in computer science offered by the University of Trento, the RWTH Aachen University, and the University of Edinburgh which has been funded by the European Commission Programme Erasmus Mundus.

Business or sector Research, ICT

Jan. 1999 – Aug. 2002	**Researcher**

Istituto Trentino di Cultura (now Fondazione Bruno Kessler), Via Sommarive 18, 38123 Trento, TN, Italy

- Research activities in the fields of Formal Methods, Automated AI Planning, Software Engineering, Participation to research and industrial projects.

Business or sector Research, ICT

EDUCATION AND TRAINING	

1994 - 1998	**PhD in Informatics**

University of Pisa

- Advanced education and research activities in the following fields of Computer Science: formal methods, concurrency theory, distributed and mobile systems.
- Title of the PhD thesis: "History Dependent Automata"; advisor: Prof. Ugo Montanari.

1990 - 1996	**"Diploma" in Computer Science ("Diploma di Licenza in Scienze dell'Informazione")**

Scuola Normale Superiore of Pisa

- Advanced courses in the fields of mathematics, physics, computer science.

1990 – 1994	**MSc in Computer Science ("Laurea in Scienze dell'Informazione")**

University of Pisa

- Title of the thesis: "Truly concurrent semantics for the pi-calculus"; advisor: Prof. Ugo Montanari.
- Grade: 110 cum laude.

1985 – 1990	**Science High School Diploma ("Maturità Scientifica")**

Science High School Torricelli – Bolzano

- Grade: 60/60.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
Proficient	Proficient	Proficient	Proficient	Proficient
German				
Basic	Independent	Independent	Basic	Basic

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Professional skills

- 25+ years of experience in IT research, with research competences in the areas of Theoretical Computer Science, Formal Methods, Automated Planning, Service Oriented Architectures, Requirements Engineering, Semantic Web (see Publications and Conferences in Additional Information below).
- Strong experience in the research and development of open software platforms for smart cities, of interoperability solutions for public services, of open innovation solutions.
- Good communication skills thanks to 25+ years of experience in the dissemination of research results, targeting both specialist audiences (conferences and symposia) and generalist audience (interviews, round tables).
- 15+ years of experience in the management of research teams and projects:
  - responsibility of research structures (up to more than 100 persons), research groups, project teams;
  - coordination and management of National and European projects, participation to steering committees and advisory boards (see Research Projects in Additional Information below);
  - responsibility of joint lab, bilateral collaborations and technology transfer project with National and International companies.
- 10+ years of experience in the management of a micro-enterprise (FBK spin-off).

ADDITIONAL INFORMATION

Publications

- More than 140 publications in peer-reviewed international journals, conferences, symposia, workshops, book chapters (see full list at the end of the CV).
- Impact factor: h-index 51; citations: > 10.000 (source: google scholar, 31/07/2020).
- Ranked 64th among the best Italian scientists in Computer Science according to Guide2Research (http://guide2research.com/scientists/IT - data gathered by 16/05/2020).

Honours and Awards

- Honourable mention for ICAPS Influential Paper Award 2017 for the article "Automated Composition of Web Services by Planning in Asynchronous Domains" (ICAPS 2005).
- Best paper award at the "19th International Conference on Web Services" (ICWS 2012), 24-29 June 2012, Honolulu, Hawaii, USA, for the article "Dynamic Adaptation of Fragment-based and Context-aware Business Processes".
- First price at the "Services Cup" organized by the "8th IEEE World Congress on Services" (SERVICES 2012), 24-29 June 2012, Honolulu, Hawaii, USA, for the demo "ASTRO-CAptEvo: Dynamic Context-aware Adaptation for Service-based Systems".
- Honourable mention for Most Influential Paper at the conference "Requirements Engineering 2011" for the article "Model Checking Early Requirements Specifications in Tropos" published at the Requirements Engineering Conference 2001.

Conferences	Organization of international conferences and workshops (organization or program co-chair):

- Int. Workshop on Principles of Engineering Service-Oriented Systems – PESOS 2010
- Future Internet Symposium – FIS 2009
- ICSOC/ServiceWave Workshop on Monitoring, Adaptation and Beyond – MONA 2009
- 13th Int. Conf. on Artificial Intelligence: Methodology, Systems, Applications – AIMSA 2008
- ServiceWave Workshop on Monitoring, Adaptation and Beyond – MONA 2008
- ICWS Workshop on Service Composition and Adaptation – 2007
- ECAI Workshop on AI for Service Composition – 2006
- WI/IAT Workshop on Service Composition – 2006
- WI/IAT Workshop on WWW Service Composition with Semantic Web Services – 2005
- ICSOC Workshop on Service Oriented Business Process Integration – 2005
- ICAPS Workshop on Planning under Uncertainty and Incomplete Information – 2003

Research Projects	Main management responsibilities in European projects:

- STARDUST (stardustproject.eu, H2020 SCC 2017-2022): local coordinator, responsible of ICT dimension at project level
- BRIDGE (KIC - EIT Digital project 2019): activity leader
- SIMPATICO (www.simpatico-project.com, H2020 EURO 2016-2019): project coordinator
- CEDUS (cedus.eng.it, KIC - EIT Digital project 2016-2018): local coordinator. WP leader, responsible of Trento pilot
- WeLive (www.welive.eu, H2020 INSO 2015-2018) local coordinator
- STREETLIFE (www.streetlife-project.eu, FP7 SMARTCITIES 2013, 2013-2016): scientific coordinator
- IES Cities (www.iescities.eu, PSP CIP, 2013-2016): local coordinator, WP leader
- ALLOW Ensembles (www.allow-ensembles.eu, FP7 ICT, 2013-2016): local coordinator, WP leader
- FI-WARE (www.fi-ware.eu, FP7 ICT, 2011-2014): local coordinator; responsible of Trento pilot for adoption of FI-WARE as smart city open platform
- S-Cube (www.s-cube-network.eu, FP7 ICT, 2008-2012), European network of excellence on "Software Services and Systems": local coordinator, member of the project steering committee
- SLA@SOI (www.sla-at-soi.eu, FP7 ICT, 2008-2011): local coordinator
- ALLOW (www.allow-project.eu, FP7 ICT, 2008-2011): local coordinator, WP leader

Main management responsibilities in National projects:

- Project "Interoperabilità e Cooperazione applicativa tra le Regioni e le Province autonome" ICAR (www.progettoicar.it): scientific advisor for the Province of Trento
- MIUR-PRIN-2004 "Advanced Artificial Intelligence Systems for Web Services": national scientific director

Innovation Labs	Innovation labs managed by Marco Pistore:

- Digital HUB (2016-): lab with DedaGroup on public services, mobility, circular economy (see https://www.dedagroup.it/comunicati-stampa/partnership-FBK)
- Digital Finance Innovation Lab (DFIL): lab with GFT and FBK on digital innovation in the "FinTech" sector
- Smart Campus Lab (2012-2014): lab with University of Trento aiming at engaging students in the design and realization of services and app covering their needs during their study period in Trento
- Laboratorio di Ineteroperabilità ed E-Government (2007-2008): lab with companies (DeltaDator, GPI, Engineering, ExpertSystem) and research bodies for experimenting innovative approaches in the e-gov sector

Relational Networks

Key relational network (and main channels exploited to build them):

- Smart Cities:
  - Research & Innovation project, among which: STARDUST (list of partners accessible here: cordis.europa.eu/project/id/774094), STREETLIFE (cordis.europa.eu/project/id/608991), IES Cities (cordis.europa.eu/project/id/325097)
  - Participation to existing networks: SmartCommunitiesTech Cluster, EIP SCC, IEEE Smart Cities Initiative
  - Connections with cities: bilateral agreements with Trento (joint smart city lab in the city) and with Ferrara; strong network with the cities engaged in the projects
- Artificial Intelligence:
  - Research & Innovation projects, among which: AI4EU (cordis.europa.eu/project/id/825619), AI "centers of excellence" projects Humane-AI, VISION, TAILOR (in launch phase), SIMPATICO (cordis.europa.eu/project/id/692819), INFINITECH (cordis.europa.eu/project/id/856632)
  - Research communities: Automated Planning, Semantic Web, Theoretical Foundation
  - Participation to existing networks: CINI AIIS Lab, CLAIRE
- Software Engineering / Architectures (including web services, service-oriented architectures, Cloud Computing, Data/Service Platforms):
  - Research&Innovation projects, among which: SLA@SOI (cordis.europa.eu/project/id/216556), S-Cube (cordis.europa.eu/project/id/215483)
  - Joint labs / bilateral collaborations with key companies: SAP, DoCoMo, Engineering, DedaGroup, GFT
  - Research communities: Web Services, Service Oriented Architecture, Requirements Engineering, Theory of Software
- E-Government / Public Services:
  - Research&Innovation projects, among which: INTERLINK (in launch phase), SIMPATICO (cordis.europa.eu/project/id/692819)
  - Partnerships/Collaborations with Italian public administrations and agencies: Provincia Autonoma di Trento, Comune di Trento, AGID, CISIS
  - Joint labs / bilateral collaborations with key companies: Engineering, DedaGroup, GPI

Publication list

Journal papers

- [J19] Elisabetta Farella, Gianluca Schiavo, Michela Ferron, Davide Giovanelli, Chiara Leonardi, Annapaola Marconi, Paolo Massa, Amy L. Murphy, Michele Nori, Marco Pistore: **CLIMB: A Pervasive Gameful Platform Promoting Child Independent Mobility**. IEEE Pervasive Comput. 19(1): 32-42 (2020)
- [J18] Antonio Bucchiarone, Annapaola Marconi, Marco Pistore, Heorhi Raik: **A context-aware framework for dynamic composition of process fragments in the internet of services**. J. Internet Serv. Appl. 8(1): 6:1-6:23 (2017)
- [J17] Piergiorgio Bertoli, Marco Pistore, Paolo Traverso: **Automated composition of Web services via planning in asynchronous domains**. Artif. Intell. 174(3-4): 316-361 (2010)
- [J16] Grace A. Lewis, Dennis B. Smith, Andreas Metzger, Andrea Zisman, Marco Pistore: **Report of the 2nd international workshop on principles of engineering service-oriented systems (PESOS 2010)**. ACM SIGSOFT Software Engineering Notes 35(5): 30-33 (2010)
- [J15] Ugur Kuter, Dana S. Nau, Marco Pistore, Paolo Traverso: **Task decomposition on abstract states, for planning under nondeterminism**. Artif. Intell. 173(5-6): 669-695 (2009)
- [J14] Jörg Hoffmann, Piergiorgio Bertoli, Malte Helmert, Marco Pistore: **Message-Based Web Service Composition, Integrity Constraints, and Planning under Uncertainty: A New Connection**. J. Artif. Intell. Res. 35: 49-117 (2009)
- [J13] Annapaola Marconi, Marco Pistore, Paolo Traverso: **Automated Composition of Web Services: the ASTRO Approach**. IEEE Data Eng. Bull. 31(3): 23-26 (2008)
- [J12] Marco Pistore, Moshe Y. Vardi: **The Planning Spectrum - One, Two, Three, Infinity**. J. Artif. Intell. Res. 30: 101-132 (2007)
- [J11] Alexey Gotsman, Fabio Massacci, Marco Pistore: **Towards an Independent Semantics and Verification Technology for the HLPSL Specification Language**. Electron. Notes Theor. Comput. Sci. 135(1): 59-77 (2005)
- [J10] Ugo Montanari, Marco Pistore: **Structured coalgebras and minimal HD-automata for the pi-calculus**. Theor. Comput. Sci. 340(3): 539-576 (2005)

- [J9] Marco Pistore, Marco Roveri, Paolo Busetta: **Requirements-Driven Verification of Web Services**. Electron. Notes Theor. Comput. Sci. 105: 95-108 (2004)
- [J8] Aliaksei Novikau, Anna Perini, Marco Pistore: **Graph Rewriting for Agent Oriented Visual Modeling**. Electron. Notes Theor. Comput. Sci. 109: 85-96 (2004)
- [J7] Alessandro Cimatti, Marco Pistore, Marco Roveri, Paolo Traverso: **Weak, strong, and strong cyclic planning via symbolic model checking**. Artif. Intell. 147(1-2): 35-84 (2003)
- [J6] Gian Luigi Ferrari, Stefania Gnesi, Ugo Montanari, Marco Pistore: **A model-checking verification environment for mobile processes**. ACM Trans. Softw. Eng. Methodol. 12(4): 440-473 (2003)
- [J5] Mike P. Papazoglou, Marco Aiello, Marco Pistore, Jian Yang: **Planning for Requests against Web Services**. IEEE Data Eng. Bull. 25(4): 41-46 (2002)
- [J4] Flavio Corradini, Marco Pistore: **'Closed Interval Process Algebra' versus 'Interval Process Algebra'**. Acta Informatica 37(7): 467-509 (2001)
- [J3] Marco Pistore, Davide Sangiorgi: **A Partition Refinement Algorithm for the Pi-Calculus**. Inf. Comput. 164(2): 264-321 (2001)
- [J2] Flavio Corradini, Gian Luigi Ferrari, Marco Pistore: **On the semantics of durational actions**. Theor. Comput. Sci. 269(1-2): 47-82 (2001)
- [J1] Ugo Montanari, Marco Pistore: **An Introduction to History Dependent Automata**. Electron. Notes Theor. Comput. Sci. 10: 170-188 (1997)

Conference and Workshop Papers

- [C123] Koldo Zabaleta, Ana Belen Lago, Diego López-de-Ipiña, Giuseppe Di Modica, Raúl Santos De La Cámara, Marco Pistore: **Combining Human and Machine Intelligence to Foster Wider Adoption of e-Services**. SmartWorld / SCALCOM / UIC/ATC / CBDCom / IOP / SCI 2019: 1854-1859
- [C122] Annapaola Marconi, Gianluca Schiavo, Massimo Zancanaro, Giuseppe Valetto, Marco Pistore: **Exploring the world through small green steps: improving sustainable school transportation with a game-based learning interface**. AVI 2018: 24:1-24:9
- [C121] Antonio Bucchiarone, Martina De Sanctis, Annapaola Marconi, Marco Pistore, Paolo Traverso: **Incremental Composition for Adaptive By-Design Service Based Systems**. ICWS 2016: 236-243
- [C120] Raman Kazhamiakin, Annapaola Marconi, Alberto Martinelli, Marco Pistore, Giuseppe Valetto: **A gamification framework for the long-term engagement of smart citizens**. ISC2 2016: 1-7
- [C119] Martina De Sanctis, Kurt Geihs, Antonio Bucchiarone, Giuseppe Valetto, Annapaola Marconi, Marco Pistore: **Distributed Service Co-evolution Based on Domain Objects**. ICSOC Workshops 2015: 48-63
- [C118] Antonio Bucchiarone, Martina De Sanctis, Annapaola Marconi, Marco Pistore, Paolo Traverso: **Design for Adaptation of Distributed Service-Based Systems**. ICSOC 2015: 383-393
- [C117] Raman Kazhamiakin, Annapaola Marconi, Mirko Perillo, Marco Pistore, Giuseppe Valetto, Luca Piras, Francesco Avesani, Nicola Perri: **Using gamification to incentivize sustainable urban mobility**. ISC2 2015: 1-6
- [C116] Matteo Gerosa, Annapaola Marconi, Marco Pistore, Paolo Traverso: **An Open Platform for Children's Independent Mobility**. SMARTGREENS/VEHITS (Selected Papers) 2015: 50-71
- [C115] Antonio Bucchiarone, Martina De Sanctis, Marco Pistore: **Domain Objects for Dynamic and Incremental Service Composition**. ESOCC 2014: 62-80
- [C114] Antonio Bucchiarone, Claudio Antares Mezzina, Marco Pistore, Heorhi Raik, Giuseppe Valetto: **Collective Adaptation in Process-Based Systems**. SASO 2014: 151-156
- [C113] Mauro Dragoni, Piergiorgio Bertoli, Chiara Di Francescomarino, Chiara Ghidini, Michele Nori, Marco Pistore, Roberto Tiella, Francesco Corcoglioniti: **Modeling and Monitoring Processes exploiting Semantic Reasoning. International Semantic Web Conference** (Posters & Demos) 2014: 121-124
- [C112] Chiara Di Francescomarino, Francesco Corcoglioniti, Mauro Dragoni, Piergiorgio Bertoli, Roberto Tiella, Chiara Ghidini, Michele Nori, Marco Pistore: **Semantic-Based Process Analysis**. International Semantic Web Conference (2) 2014: 228-243
- [C111] Luciano Baresi, Annapaola Marconi, Marco Pistore, Adina Sirbu: **Corrective Evolution of Adaptable Process Models**. BMMDS/EMMSAD 2013: 214-229

- [C110] Antonio Bucchiarone, Annapaola Marconi, Claudio Antares Mezzina, Marco Pistore, Heorhi Raik: **On-the-Fly Adaptation of Dynamic Service-Based Systems: Incrementality, Reduction and Reuse**. ICSOC 2013: 146-161

- [C109] Piergiorgio Bertoli, Mauro Dragoni, Chiara Ghidini, Emanuele Martufi, Michele Nori, Marco Pistore, Chiara Di Francescomarino: **Modeling and Monitoring Business Process Execution**. ICSOC 2013: 683-687

- [C108] Raman Kazhamiakin, Annapaola Marconi, Marco Pistore, Heorhi Raik: **Data-Flow Requirements for Dynamic Service Composition**. ICWS 2013: 243-250

- [C107] Antonio Bucchiarone, Annapaola Marconi, Marco Pistore, Paolo Traverso, Piergiorgio Bertoli, Raman Kazhamiakin: **Domain Objects for Continuous Context-Aware Adaptation of Service-Based Systems**. ICWS 2013: 571-578

- [C106] Antonio Bucchiarone, Annapaola Marconi, Claudio Antares Mezzina, Marco Pistore: **A conceptual framework for collective adaptive systems**. SAC 2013: 1935-1936

- [C105] Antonio Bucchiarone, Claudio Antares Mezzina, Marco Pistore: **CAptLang: a language for context-aware and adaptable business processes**. VaMoS 2013: 12:1-12:5

- [C104] Piergiorgio Bertoli, Raman Kazhamiakin, Michele Nori, Marco Pistore: **SMART: Modeling and Monitoring Support for Business Process Coordination in Dynamic Environments**. BIS (Workshops) 2012: 243-254

- [C103] Antonio Bucchiarone, Raman Kazhamiakin, Annapaola Marconi, Marco Pistore: **Adaptivity in dynamic service-based systems**. S-Cube@ICSE 2012: 36-37

- [C102] Ricardo Contreras, Andrea Zisman, Annapaola Marconi, Marco Pistore: **PRadapt: A framework for dynamic monitoring of adaptable service-based systems**. PESOS@ICSE 2012: 50-56

- [C101] Antonio Bucchiarone, Nawaz Khurshid, Annapaola Marconi, Marco Pistore, Heorhi Raik: **A car logistics scenario for context-aware adaptive service-based systems**. PESOS@ICSE 2012: 65-66

- [C100] Antonio Bucchiarone, Annapaola Marconi, Marco Pistore, Heorhi Raik: **Dynamic Adaptation of Fragment-Based and Context-Aware Business Processes**. ICWS 2012: 33-41

- [C99] Farhana H. Zulkernine, Piergiorgio Bertoli, Marco Pistore, Andreas Friesen, Jens Lemcke, Bernhard Thimmel, Otfried von Geisau: **A Constraint-Driven Business Object Model for Service-Based Business Processes**. ITNG 2012: 182-188

- [C98] Heorhi Raik, Antonio Bucchiarone, Nawaz Khurshid, Annapaola Marconi, Marco Pistore: **ASTRO-CAptEvo: Dynamic Context-Aware Adaptation for Service-Based Systems**. SERVICES 2012: 385-392

- [C97] Piergiorgio Bertoli, Raman Kazhamiakin, Michele Nori, Marco Pistore: **SMART: Supporting the Design and Execution of User-Centric Service-Based Applications**. WISE 2012: 796-799

- [C96] Asli Zengin, Annapaola Marconi, Marco Pistore: **CLAM: cross-layer adaptation manager for service-based applications**. QASBA 2011: 21-27

- [C95] Antonio Bucchiarone, Annapaola Marconi, Marco Pistore, Adina Sirbu: **A Context-Aware Framework for Business Processes Evolution**. EDOCW 2011: 146-154

- [C94] Joe Butler, Juan Lambea, Michael Nolan, Wolfgang Theilmann, Francesco Torelli, Ramin Yahyapour, Annamaria Chiasera, Marco Pistore: **SLAs Empowering Services in the Future Internet**. Future Internet Assembly 2011: 327-338

- [C93] Antonio Bucchiarone, Annapaola Marconi, Marco Pistore, Heorhi Raik: **CAptEvo: Context-Aware Adaptation and Evolution of Business Processes**. ICSOC Workshops 2011: 252-254

- [C92] Adina Sirbu, Annapaola Marconi, Marco Pistore, Hanna Eberle, Frank Leymann, Tobias Unger: **Dynamic Composition of Pervasive Process Fragments**. ICWS 2011: 73-80

- [C91] Asli Zengin, Raman Kazhamiakin, Marco Pistore: **CLAM: Cross-Layer Management of Adaptation Decisions for Service-Based Applications**. ICWS 2011: 698-699

- [C90] Antonio Bucchiarone, Marco Pistore, Heorhi Raik, Raman Kazhamiakin: **Adaptation of service-based business processes by context-aware replanning**. SOCA 2011: 1-8

- [C89] Asli Zengin, Annapaola Marconi, Luciano Baresi, Marco Pistore: **CLAM: Managing cross-layer adaptation in service-based systems**. SOCA 2011: 1-8

- [C88] Raman Kazhamiakin, Volha Kerhet, Massimo Paolucci, Marco Pistore, Matthias Wagner: **Use-Based Discovery of Pervasive Services**. AIMSA 2010: 11-20

- [C87] Hermann Stern, Armin Ulbrich, Viktoria Pammer, Marco Pistore, Piergiorgio Bertoli, Stefanie N. Lindstaedt: **Message Filtering Based On Mobile User Context**.

CIAO@EKAW 2010

- [C86] Grace A. Lewis, Andreas Metzger, Marco Pistore, Dennis B. Smith, Andrea Zisman: **2010 ICSE 2nd International Workshop on Principles of Engineering Service-Oriented Systems (PESOS 2010)**. ICSE (2) 2010: 429-430

- [C85] Raman Kazhamiakin, Massimo Paolucci, Marco Pistore, Heorhi Raik: **Modelling and Automated Composition of User-Centric Services**. OTM Conferences (1) 2010: 291-308

- [C84] Andreas Gehlert, Antonio Bucchiarone, Raman Kazhamiakin, Andreas Metzger, Marco Pistore, Klaus Pohl: **Exploiting assumption-based verification for the adaptation of service-based applications**. SAC 2010: 2430-2437

- [C83] Piergiorgio Bertoli, Raman Kazhamiakin, Massimo Paolucci, Marco Pistore, Heorhi Raik, Matthias Wagner: **Continuous Orchestration of Web Services via Planning**. ICAPS 2009

- [C82] Marco Pistore, Paolo Traverso, Massimo Paolucci, Matthias Wagner: **From Software Services to a Future Internet of Services**. Future Internet Assembly 2009: 183-192

- [C81] Elisabetta Di Nitto, Dimka Karastoyanova, Andreas Metzger, Michael Parkin, Marco Pistore, Klaus Pohl, Fabrizio Silvestri, Willem-Jan van den Heuvel: **S-Cube: Addressing Multidisciplinary Research Challenges for the Internet of Services**. Future Internet Assembly 2009: 263-272

- [C80] Raman Kazhamiakin, Marco Pistore, Asli Zengin: **Cross-Layer Adaptation and Monitoring of Service-Based Applications**. ICSOC/ServiceWave Workshops 2009: 325-334

- [C79] Raman Kazhamiakin, Branimir Wetzstein, Dimka Karastoyanova, Marco Pistore, Frank Leymann: **Adaptation of Service-Based Applications Based on Process Quality Factor Analysis**. ICSOC/ServiceWave Workshops 2009: 395-404

- [C78] Annapaola Marconi, Marco Pistore, Adina Sirbu, Hanna Eberle, Frank Leymann, Tobias Unger: **Enabling Adaptation of Pervasive Flows: Built-in Contextual Adaptation**. ICSOC/ServiceWave 2009: 445-454

- [C77] Antonio Bucchiarone, Cinzia Cappiello, Elisabetta Di Nitto, Raman Kazhamiakin, Valentina Mazza, Marco Pistore: **Design for Adaptation of Service-Based Applications: Main Issues and Requirements**. ICSOC/ServiceWave Workshops 2009: 467-476

- [C76] Piergiorgio Bertoli, Raman Kazhamiakin, Massimo Paolucci, Marco Pistore, Heorhi Raik, Matthias Wagner: **Control Flow Requirements for Automated Service Composition**. ICWS 2009: 17-24

- [C75] Luciano Baresi, Sam Guinea, Marco Pistore, Michele Trainotti: **Dynamo + Astro: An Integrated Approach for BPEL Monitoring**. ICWS 2009: 230-237

- [C74] Ivan Di Pietro, Annapaola Marconi, Francesco Pagliarecci, Marco Pistore, Luca Spalazzi: **Semantic Web Service Selection at the Process-level: the eBay/Amazon/PayPal Case Study**. SEBD 2009: 177-184

- [C73] Annapaola Marconi, Marco Pistore: **Synthesis and Composition of Web Services**. SFM 2009: 89-157

- [C72] Antonio Bucchiarone, Alberto Lluch-Lafuente, Annapaola Marconi, Marco Pistore: **A Formalisation of Adaptable Pervasive Flows**. WS-FM 2009: 61-75

- [C71] Dmitry Shaparau, Marco Pistore, Paolo Traverso: **Fusing Procedural and Declarative Planning Goals for Nondeterministic Domains**. AAAI 2008: 983-990

- [C70] Vincenzo Ciancia, Gian Luigi Ferrari, Marco Pistore, Emilio Tuosto: **History Dependent Automata for Service Compatibility**. Concurrency, Graphs and Models 2008: 625-641

- [C69] Raman Kazhamiakin, Piergiorgio Bertoli, Massimo Paolucci, Marco Pistore, Matthias Wagner: **YourWay!: a Platform for Composing and Executing Services Driven by User Resources**. FIS (Posters & Demos) 2008

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