



PIN Number: 191199

CV Type: CIHR Academic

Personal Information

Identification

Title Family Name First Name Date of Birth Sex Correspondence language

Canadian Residency Status

Country of Citizenship

	Country of Citizenship
1	Canada

Language Skills

	Language	Read	Write	Speak	Understand
1	English	Yes	Yes	Yes	Yes
2	French	Yes	Yes	Yes	Yes

Address

The primary Address is denoted by (*)

1	Address Type <input type="text" value="Courier"/> 221 Athabasca Hall Computing Science Department University of Alberta Edmonton Canada / Alberta T6G 2E8
*2	Address Type <input type="text" value="Primary Affiliation"/> 221 Athabasca Hall Computing Science Department University of Alberta Edmonton Canada / Alberta T6G 2E8

Telephone

The primary Telephone is denoted by (*)

	Phone Type	Country Code	Area Code	Telephone Number
1	Fax	1	780	4921071
*2	Work	1	780	4923520

Email

The primary Email is denoted by (*)

	Email Type	Email Address
*1	Work	stroulia@ualberta.ca

Website

	Website Type	URL
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1	Personal	http://ssrg.cs.ualberta.ca
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User Profile

Disciplines Trained In

	Discipline Trained In
1	Computer Engineering and Software Engineering

Research Disciplines

	Research Discipline
1	Computer Science

Areas of Research

	Area of Research
1	Software Development

Fields of Application

	Field of Application
1	Public Health

Research Specialization Keywords

	Research Specialization Keywords
1	cloud computing
2	legacy systems
3	sensor-based systems
4	service orientation
5	simulation-based training
6	software architecture
7	software economics
8	software engineering
9	virtual worlds
10	web-based systems

Education

Degrees

1	Degree Type <input type="text" value="Doctorate"/> Degree Name <input type="text" value="PhD"/> Specialization <input type="text" value="Computer Science"/> Organization <input type="text" value="Georgia Institute of Technology"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1989/9"/> Degree Received Date <input type="text" value="1994/12"/> Supervisors <table> <tr> <th></th><th>Supervisor Name</th></tr> <tr> <td>1</td><td>Ashok Goel</td></tr> </table>		Supervisor Name	1	Ashok Goel
	Supervisor Name				
1	Ashok Goel				
2	Degree Type <input type="text" value="Master's Thesis"/> Degree Name <input type="text" value="MSc - Masters"/> Specialization <input type="text" value="Computer Science"/> Organization <input type="text" value="Georgia Institute of Technology"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1989/9"/> Degree Received Date <input type="text" value="1991/6"/> Supervisors <table> <tr> <th></th><th>Supervisor Name</th></tr> <tr> <td>1</td><td>Ashok Goel</td></tr> </table>		Supervisor Name	1	Ashok Goel
	Supervisor Name				
1	Ashok Goel				
3	Degree Type <input type="text" value="Bachelor's"/> Degree Name <input type="text" value="Ptyxio"/> Specialization <input type="text" value="Computer Engineering and Informatics"/> Organization <input type="text" value="University of Patras"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1984/9"/> Degree Received Date <input type="text" value="1989/6"/>				

Supervisors**Supervisor Name**

1 George Pavlides (diploma thesis supervisor)

Recognitions

	Recognition Type	Recognition Name	Organization	Effective Date	Other Organization	End Date	Amount
1	Prize / Award	UofA Information Technology Leadership Award	University of Alberta	2012/7			
2	Distinction	Woman of the Year		2007/1	University of Alberta, Academic Women Association	2007/1	0

Employment**Academic Work Experience**

	Position Title	Organization	Department	Start Date	End Date
1	Professor	University of Alberta	Computing Science	2008/7	
2	Associate Professor	University of Alberta	Computing Science	2004/7	2008/6
3	Assistant Professor	University of Alberta	Computing Science	1997/7	2004/6
4	Post-doctoral Fellow	University of Alberta	Computing Science	1997/1	1997/6
5	Research Scientist	Universitat Ulm		1995/3	1996/12

Affiliations

The primary Affiliations is denoted by (*)

	Position Title	Organization	Department	Start Date
*1	Professor	University of Alberta	Computing Science	2008/7

Research Funding History

1	Funding Title <input type="text" value="GreenPhones: Energy-smart Software for Ubiquitous Mobility (collab. with ANR)"/>		Funding Status <input type="text" value="Awarded"/>																	
	Funding Role <input type="text" value="Co-investigator"/>		Funding Start Date <input type="text" value="2013/4"/> Funding End Date <input type="text" value="2016/3"/>																	
	Other Investigators																			
	<table border="1"> <tr> <th></th> <th>Investigator Name</th> <th>Role</th> </tr> <tr> <td>1</td> <td>Fedorova, Alexandra</td> <td>Principal Investigator</td> </tr> </table>			Investigator Name	Role	1	Fedorova, Alexandra	Principal Investigator												
	Investigator Name	Role																		
1	Fedorova, Alexandra	Principal Investigator																		
Funding Sources																				
	<table border="1"> <tr> <th></th> <th>Funding Organization</th> <th>Program Name</th> <th>Funding Competitive?</th> <th>Total Funding</th> <th>Currency of Total Funding</th> <th>Funding Start Date</th> <th>Funding End Date</th> </tr> <tr> <td>1</td> <td>Natural Sciences and Engineering Research Council of Canada (NSERC)</td> <td>Strategic Project</td> <td>Yes</td> <td>441928</td> <td>Canadian dollar</td> <td>2013/4</td> <td>2016/3</td> </tr> </table>		Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date	1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Strategic Project	Yes	441928	Canadian dollar	2013/4	2016/3			
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date													
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Strategic Project	Yes	441928	Canadian dollar	2013/4	2016/3													
2	Funding Title <input type="text" value="SAVI - Smart Applications on Virtual Infrastructures"/>		Funding Status <input type="text" value="Awarded"/>																	
	Funding Role <input type="text" value="Co-investigator"/>		Funding Start Date <input type="text" value="2011/9"/> Funding End Date <input type="text" value="2015/8"/>																	
	Other Investigators																			
	<table border="1"> <tr> <th></th> <th>Investigator Name</th> <th>Role</th> </tr> <tr> <td>1</td> <td>Leon-Garcia, Alberto</td> <td>Principal Investigator</td> </tr> </table>			Investigator Name	Role	1	Leon-Garcia, Alberto	Principal Investigator												
	Investigator Name	Role																		
1	Leon-Garcia, Alberto	Principal Investigator																		
Funding Sources																				
	<table border="1"> <tr> <th></th> <th>Funding Organization</th> <th>Program Name</th> <th>Funding Competitive?</th> <th>Total Funding</th> <th>Currency of Total Funding</th> <th>Funding Start Date</th> <th>Funding End Date</th> </tr> <tr> <td>1</td> <td>Natural Sciences</td> <td>Strategic Network</td> <td>Yes</td> <td>5000000</td> <td>Canadian dollar</td> <td>2011/9</td> <td>2015/8</td> </tr> </table>		Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date	1	Natural Sciences	Strategic Network	Yes	5000000	Canadian dollar	2011/9	2015/8			
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date													
1	Natural Sciences	Strategic Network	Yes	5000000	Canadian dollar	2011/9	2015/8													

	and Engineering Research Council of Canada (NSERC)						
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3

Funding Title Industrial Research Chair - NSERC Funding Status Awarded Funding Role Principal Applicant Funding Start Date 2010/12

Funding End Date 2014/12

Funding Sources

	Other Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	NSERC	Research Chair	No	500000	Canadian dollar	2010/12	2014/12

4

Funding Title Graphics Animation and New Media (GRAND) Network of Centres of Excellence Funding Status Awarded

Funding Role Co-investigator Funding Start Date 2010/9 Funding End Date 2014/8

Other Investigators

	Investigator Name	Role
1	Booth, Kellogg	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Networks of Centres of Excellence	Yes	23250000	Canadian dollar	2010/9	2014/8

5

Funding Title Systematic, Managed Evolution of Service Systems Funding Status Awarded Funding Role Principal Applicant

Funding Start Date 2009/5 Funding End Date 2014/4

Other Investigators

	Investigator Name	Role
1	Eleni Stroulia	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery	Yes	250000	Canadian dollar	2009/5	2014/4

6

Funding Title Systematic, managed evolution of service systems Funding Status Awarded Funding Role Principal Investigator

Funding Start Date 2010/4 Funding End Date 2014/3

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	Discovery	Yes	250000	Canadian dollar	2010/4	2013/3

7

Funding Title A Model for Virtual World Post-Secondary Transition Programs: Understanding How Virtual Worlds Can Improve Student Outcomes

Funding Status Awarded Funding Role Co-investigator Funding Start Date 2011/4 Funding End Date 2013/3

Other Investigators

	Investigator Name	Role
1	Boechler, Patricia	Principal Investigator

Funding Sources							
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Social Sciences and Humanities Research Council of Canada (SSHRC)	SRG	Yes	127653	Canadian dollar	2011/4	2013/3

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Funding Title Funding Status

Funding Role Funding Start Date Funding End Date

Other Investigators

	Investigator Name	Role
1	Forgie, Sarah	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	University of Alberta	TLEF	Yes	35000	Canadian dollar	2012/4	2013/3

9

Funding Title Funding Status Funding Role Funding Start Date

Funding End Date

Other Investigators

	Investigator Name	Role
1	Rockwell, Geoffrey	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Social Sciences and Humanities Research Council of Canada (SSHRC)	SRG	Yes	164022	Canadian dollar	2010/4	2013/3

10

Funding Title Funding Status Funding Role Funding Start Date

Funding End Date

Funding Sources

	Other Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	iCORE	Research Chair	No	500000	Canadian dollar	2008/12	2012/12

11

Funding Title Funding Status Funding Role Funding Start Date

Funding End Date

Other Investigators

	Investigator Name	Role
1	Eleni Stroulia	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	IBM Corporation, USA	-	Yes	500000	Canadian dollar	2008/1	2012/12

12

Funding Title Funding Status Funding Role Funding Start Date

Funding End Date <input type="text" value="2012/12"/>							
Other Investigators							
	Investigator Name					Role	
1	Brown, Susan					Principal Investigator	
Funding Sources							
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canada Foundation for Innovation (CFI)	Leading Edge Fund	Yes	3734730	Canadian dollar	2010/1	2012/12

13	Funding Title <input type="text" value="Health-Care Aides and Technology"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Co-investigator"/> Funding Start Date <input type="text" value="2011/5"/> Funding End Date <input type="text" value="2012/4"/>						
Other Investigators							
	Investigator Name					Role	
1	Liu, Lili					Principal Investigator	
Funding Sources							
	Funding Organization	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date	
1	Alberta Health and Wellness	Yes	800000	Canadian dollar	2011/5	2012/4	

14	Funding Title <input type="text" value="Interprofessional Communications Skills Instructional Program for Health Science"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Co-investigator"/> Funding Start Date <input type="text" value="2009/1"/> Funding End Date <input type="text" value="2009/12"/>						
Other Investigators							
	Investigator Name					Role	
1	Boechler, Patricia					Principal Investigator	
Funding Sources							
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	University of Alberta	TLEF - Teaching and Learning Enhancement Fund	Yes	43314	Canadian dollar	2009/1	2009/12

15	Funding Title <input type="text" value="Capacity Planning on Tivoli"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Principal Investigator"/> Funding Start Date <input type="text" value="2007/1"/> Funding End Date <input type="text" value="2009/12"/>						
Other Investigators							
	Investigator Name					Role	
1	Eleni Stroulia					Principal Investigator	
Funding Sources							
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	IBM (CAS) Centre for Advances Studies	-	Yes	92000	Canadian dollar	2007/1	2009/12

16	Funding Title <input type="text" value="Futures in Computing"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Principal Investigator"/> Funding Start Date <input type="text" value="2007/1"/> Funding End Date <input type="text" value="2009/12"/>						
Other Investigators							
	Investigator Name					Role	

1	Eleni Stroulia	Principal Investigator					
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Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Natural Sciences and Engineering Research Council of Canada (NSERC)	PromoScience	Yes	31200	Canadian dollar	2007/1	2009/12

17

Funding Title Supporting inquiry in one-to-one mobile computing with the Annoki toolkit Funding Status Completed

Funding Role Principal Investigator Funding Start Date 2007/1 Funding End Date 2008/12

Other Investigators

	Investigator Name	Role
1	Eleni Stroulia	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	University of Alberta	TLEF - Teaching and Learning Enhancement Fund	Yes	39400	Canadian dollar	2007/1	2008/12

18

Funding Title Towards a systematic process model for service delivery on cyberinfrastructure Funding Status Completed

Funding Role Principal Investigator Funding Start Date 2007/1 Funding End Date 2008/12

Other Investigators

	Investigator Name	Role
1	Eleni Stroulia	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Alberta Advanced Education and Technology	Industry Sponsored Collaborative Project	Yes	100000	Canadian dollar	2007/1	2008/12

19

Funding Title Metaverse, Marketing and E-Commerce Funding Status Completed Funding Role Principal Investigator

Funding Start Date 2007/10 Funding End Date 2008/10

Funding Sources

	Other Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	IBM, Faculty Award	Metaverse, Marketing and E-Commerce	Yes	20000	United States dollar	2007/10	2008/10

Activities

Supervisory Activities

Student/Postdoctoral Supervision

	Supervision Role	Student Name	Student Institution	Study / Postdoctoral Level	Student Degree Status	Student Degree Start Date	Project Description	Present Position	Student Degree Expected Date	Student Degree Received Date
1	Principal Supervisor	Matthew Delaney	University of Alberta	Master's Thesis	Withdrawn	2012/9	Optimization of OpenStack Performance	MSc student, U of Alberta		
2	Principal Supervisor	Blerina Bazelli	University of Alberta	Master's Thesis	In Progress	2012/9	Smart Mobile Applications	MSc student, U of Alberta	2014/8	

3	Principal Supervisor	Hossein Azari	University of Alberta	Post-doctorate	In Progress	2012/9	Simulations in Virtual Worlds	University of Alberta		
4	Co-Supervisor	Candy Pang	University of Alberta	Doctorate	In Progress	2012/9	Personal Health Record Management	PhD student, U of Alberta	2017/8	
5	Academic Advisor	Victor Guana	University of Alberta	Doctorate	In Progress	2011/9	Model-Driven Software Engineering on Mobile Platforms		2015/12	
6	Co-Supervisor	Anahita Alipour	University of Alberta	Master's Thesis	In Progress	2011/9	Bud Deduplication	MSc student, U of Alberta	2013/8	
7	Principal Supervisor	Dan Han	University of Alberta	Master's Thesis	In Progress	2011/9	Design Patterns for HBase Organization	MSc student, U of Alberta	2013/8	
8	Principal Supervisor	Marios Fokaefs	University of Alberta	Doctorate	In Progress	2010/9	Supporting Evolution and Management of Service-Oriented Systems	Graduate Student	2015/8	
9	Principal Supervisor	Natalia Negara	University of Alberta	Master's Thesis	In Progress	2010/9	Web-Application Testing	MSc student, U of Alberta	2012/12	
10	Principal Supervisor	Ken Bauer	University of Alberta	Doctorate	In Progress	2005/9	Traceability between Software Artifacts and Team Developers	Graduate Student		
11	Co-Supervisor	Iulia Vlasenko	University of Alberta	Master's Thesis	Completed	2010/9	DEPLOYMENT PLANNING FOR LOCATION RECOGNITION IN THE SMART-CONDOTM: SIMULATION, EMPIRICAL STUDIES AND SENSOR PLACEMENT OPTIMIZATION			2013/3
12	Co-Supervisor	Meisam Vosoughpour Yazdchi	University of Alberta	Master's Thesis	Completed	2010/9	Indoor localization with passive sensors			2013/1
13	Principal Supervisor	Fabio Rocha	University of Alberta	Master's Thesis	Completed	2010/9	Analyzing Individual Contribution and Collaboration in Student Software Teams	MSc student, U of Alberta		2013/1
14	Principal Supervisor	Morteza Ghandehari	University of Alberta	Master's Thesis	Completed	2010/9	A Lightweight Coordination Approach for Resource-Centric Collaborations	MSc student, U of Alberta		2013/1
15	Principal Supervisor	David Chodos	University of Alberta	Doctorate	Completed	2007/9	Using Virtual Worlds For Scenario-Based Training	Software Engineer, Desire2Learn, Waterloo, Canada		2012/12
16	Principal Supervisor	Nikolaos Tsantalos	University of Alberta	Post-doctorate	Completed	2011/1	Object-Oriented Systems	Assistant Professor, Concordia University		2012/6
17	Principal Supervisor	Lucio Gutierrez	University of Alberta	Master's Thesis	Completed	2009/9	The fAARS Platform, For Augmented Alternate Reality Services and Games	Software Developer, Edmonton		2012/6
18	Principal	Himanshu	University of	Master's	Completed	2009/9	Enhancing	Software		2011/12

	Supervisor	Vashishta	Alberta	Thesis			Query Support in HBase via an extended Coprocessor Framework	Engineer, Cloudera, USA		
19	Principal Supervisor	Parisa Naeimi	University of Alberta	Master's Thesis	Completed	2009/9	Image cultural analytics through feature-based image exploration and extraction	Software Developer, University of Alberta		2011/12
20	Principal Supervisor	Samaneh Bayat	University of Alberta	Master's Thesis	Completed	2009/9	Collaborative review and analysis of science literature	Software Developer, IBM Ottawa		2011/12
21	Principal Supervisor	Michael Smit	University of Alberta	Doctorate	Completed	2005/9	Supporting quality of service, configuration, and autonomic reconfiguration using services-aware simulation	PDF, York University		2011/12
22	Principal Supervisor	Rimon Mikhaeil	University of Alberta	Doctorate	Completed	2004/9	Comparing XML Documents as Reference-aware Labeled Ordered Trees	Software Architect, Fujitsu, Edmonton		2011/12
23	Co-Supervisor	Diego Serrano	University of Alberta	Master's Thesis	Completed	2008/9	SociQL: a query language for the social web	Software Engineer, Colombia		2011/6
24	Co-Supervisor	Maryam Hasan	University of Alberta	Master's Thesis	Completed	2008/9	Extracting Structured Knowledge From Textual Data In Software Repositories	PhD student, Northeastern University, USA		2011/6
25	Principal Supervisor	Manar Alalfi	University of Alberta	Post-doctorate	Completed	2010/5	Web-based System Architecture	PDF, Queens University		2010/9
26	Principal Supervisor	Jianzhao Huang	University of Alberta	Master's Thesis	Completed	2007/9	Service-Orientated Architecture for Sensor-Network Systems	Graduate Student		2009/12
27	Principal Supervisor	Zhenchang Xing	Singapore University	Doctorate	Completed	2002/9	Object-Orientated Design Evolution Analysis	Research		2008/9
28	Principal Supervisor	Brendan Tansey	University of Alberta	Master's Thesis	Completed	2005/9	Assessing ROI for Service-Orientated Development	Research Associate		2007/9
29	Principal Supervisor	Ying Liu	University of Alberta	Master's Thesis	Completed	2003/9	Towards Understanding Collaborative Software	Unknown		2005/9
30	Principal Supervisor	Warren Blanchet	Edmonton company	Master's Thesis	Completed	2003/9	A Multi-Agent Framework for Web-Services Orchestration	Software Developer		2005/9

Contributions

Presentations

	Presentation Title	Conference / Event Name	Location	City	Main Audience	Presentation Date
1	Smart Condo – A Sensing Platform and Evaluative Tool for Independent Living	The World Congress Leadership Summit on Telemedicine	United States / Massachusetts	Boston	Knowledge User	2012-07-26

2	The Personal Web	Seminar to the School of Library and Information Studies, University of Alberta	Canada / Alberta	Edmonton	Researcher	2011-02-16
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Publications

PubMed Articles

	PubMed ID	Title	Journal	Volume	Publication Date	Authors
1	23138089	Home care and technology: a case study.	Studies in health technology and informatics	182	2012-01-01	Stroulia E , Nikolaidisa I , Liua L , King S , Lessard L
2	23195649	Developing interprofessional health competencies in a virtual world.	Medical education online	17	2012-01-01	King S , Chodos D , Stroulia E , Carbonaro M , MacKenzie M , Reid A , Torres L , Greidanus E
3	21335774	MeRiTS: simulation-based training for healthcare professionals.	Studies in health technology and informatics	163	2011-01-01	Chodos D , Stroulia E , King S
4	21335785	Medical education through virtual worlds: the HLTHSIM project.	Studies in health technology and informatics	163	2011-01-01	Eagleson R , de Ribaupierre S , King S , Stroulia E

Journal Articles

	Article Title	Authors	Journal	Volume	Issue	Publishing Status	URL	Refereed?	Contribution Role	Number of Contributors	Date	Page Range
1	A Typology of Virtual Worlds: Historical Overview and Future Directions	P. R. Messinger, E. Stroulia, K. Lyons	Journal of Virtual Worlds Research	1	1	Published	http://journals.tdl.org/jvwr/index.php/jvwr/article/view/291	Yes	Co-Author	3		
2	A framework for monitoring instructional environments in a virtual world.	David Chodos, Eleni Stroulia, Sharla King, Mike Carbonaro	British Journal of Educational Technology			Published	http://onlinelibrary.wiley.com/doi/10.1111/j.1467-8535.2012.01370.x/abstract	Yes	Co-Author	4	2012/12	
3	Identification and application of Extract Class refactorings in object-oriented systems	Marios Fokaefs, Nikolaos Tsantalis, Eleni Stroulia, Alexander Chatzigeorgiou	Journal of Systems and Software	85	10	Published	http://www.sciencedirect.com/science/article/pii/S0164121212001057	Yes	Co-Author	4	2012/10	2241-2260
4	Simulating Service-oriented Systems: A Survey and the Services-Aware Simulation Framework	Mike Smit, Eleni Stroulia	IEEE Transactions on Services Computing	99		Published	http://www.computer.org/csdl/trans/sc/preprint/tsc2012990012-abs.html	Yes	Co-Author	2	2012/5	
5	A tale of two pricing systems for services	K. Lyons, P. R. Messinger, R. H. Niu, E. Stroulia	Information Systems and e-Business Management	10	1	Published	http://link.springer.com/article/10.1007%2Fs10257-010-0151-3	Yes	Co-Author	4	2012/3	19-42
6	Technical Challenges And Solutions For Creating Virtual Environments For A Health Science Interprofessional Course	P. Boechler, M. Carbonaro, E. Stroulia, S. King, E. deJong, D. Chodos	The Internet Journal of Allied Health Sciences and Practice.	9	4	Published	http://ijahsp.nova.edu/articles/Vol9Num4/pdf/deJong.pdf	Yes	Co-Author	6	2011/10	

7	Recognizing Contributions in Wikis: Authorship Categories, Algorithms, and Visualizations	O. Arazy, E. Stroulia, S. Ruecker, C. Arias, C. Fiorentino, V. Ganey, T. Yau	Journal of the American Society for Information Science and Technology	61	6	Published	http://onlinelibrary.wiley.com/doi/10.1002/asi.21326/abstract	Yes	Co-Author	7	2010/6	1166-1179
8	Valuating software service development in support of B2C services	B. Tansey, E. Stroulia	Canadian Journal of Administrative Sciences	27	1	Published		Yes	Co-Author	2	2010/3	39-52
9	Seven Challenges to Combining Human and Automated Service	P. R. Messinger, J. Li, E. Stroulia, D. Galletta, X. Ge, S. Choi	Canadian Journal of Administrative Sciences	26	4	Published		Yes	Co-Author	6	2009/12	267-285
10	New Directions for Social Computing in Virtual Worlds: Applications for Business and Social Sciences	P. R. Messinger, E. Stroulia, K. Lyons, M. Bone, A. Niu, K. Smirnov, S. Perelgut	Decision Support Systems	47	3	Published	http://www.sciencedirect.com/science/article/pii/S016792360900061X	Yes	Co-Author	7	2009/6	204-228
11	A simulation-based training framework for health-science education on video and in a virtual world.	D. Chodos, P. Naeimi, E. Stroulia	Journal of Virtual Worlds Research	2	1	Published	http://journals.tdl.org/jvwr/index.php/jvwr/article/view/375	Yes	Co-Author	3	2009/4	
12	Using interaction models to detect and resolve inconsistencies in evolving service compositions	Renée Elio Stroulia Warren Blanchet	Journal of Web Intelligence and Agent Systems	7	2	Published		Yes	Co-Author	3	2009/4	139-160
13	Mobile devices for collaborative learning in practicum courses	A. Mulliah, E. Stroulia	Int. Journal of Mobile Learning and Organisation	3	1	Published	http://www.inderscience.com/info/article.php?artid=23052	Yes	Co-Author	2	2009/2	44-59
14	On the Relationship between My Avatar and Myself	P. R. Messinger, X. Ge, E. Stroulia, K. Lyons, K. Smirnov, M. Bone	Journal of Virtual Worlds Research	1	2	Published	http://journals.tdl.org/jvwr/index.php/jvwr/article/view/352	Yes	Co-Author	6	2008/11	

Book Chapters

	Chapter Title	Book Title	Authors	Publishing Status	Publisher	URL	Refereed?	Contribution Role	Volume	Date
1	Facilitating a Hierarchy of Education: Corporate Education in Virtual Worlds	Handbook of Research on Virtual Environments for Corporate Education: Employee Learning and Solutions	P. R. Messinger, X. Ge, G. Mayhew, R. Niu, E. Stroulia	Published	IGI Global	http://www.igi-global.com/chapter/facilitating-hierarchy-engagement/42237	Yes	Co-Author		
2	Differencing UML Models:	Generative and	Rimon Mikhael,	Published	Springer	http://link.springer.com/chapt	Yes	Co-Author		

	UML Models: A Domain-Specific vs. a Domain-Agnostic Method	and Transformational Techniques in Software Engineering IV Lecture Notes in Computer Science Volume 7680	Mikhael, Nikolaos Tsantalis, Natalia Negara, Eleni Stroulia, Zhenchang Xing			ger.com/chapter/10.1007%2F978-3-642-35992-7_4				
3	The Smart Condo Project: Services for Independent Living.	E-Health, Assistive Technologies and Applications for Assisted Living: Challenges and Solutions	N. M. Boers, D. Chodos, P. Gburzynski, L. Guirguis, J. Huang, R. Lederer, L. Liu, I. Nikolaidis, C. Sadowski, E. Stroulia	Published	IGI Global	http://www.igi-global.com/chapter/smart-condo-project/51393	Yes	Co-Author		
4	WSDarwin: Studying the Evolution of Web Service Systems.	Advanced Web Services	M. Fokaefs, E. Stroulia	Published	Springer	http://www.springer.com/computer/database+management+%26+information+retrieval/book/978-1-4614-7534-	Yes	Co-Author		
5	Smart services across the real and virtual worlds	The smart internet	Eleni Stroulia	Published	Springer	http://link.springer.com/content/pdf/10.1007%2F978-3-642-16599-3_13.pdf	Yes	Co-Author		
6	SociQL: A Query Language for the SocialWeb	Advances in Network Analysis and its Applications Mathematics in Industry Volume 18	D. Serrano, E. Stroulia, D. Barbosa, V. Guana	Published	Springer	http://link.springer.com/chapter/10.1007%2F978-3-642-30904-5_17	Yes	Co-Author		
7	Migrating a legacy web-based document-analysis application to Hadoop and HBase: An Experience Report.	Migrating to SOA and Cloud Environments: Challenges in Service Oriented Architecture and Cloud Computing	H. Vashishta, M. Smit, E. Stroulia	Published	IGI Global	http://www.igi-global.com/chapter/migrating-legacy-web-based-document/72219	Yes	Co-Author		
8	The Smart-Condo: Infrastructure and Experience	Evaluating AAL Systems Through Competitive Benchmarking Communications in Computer and Information Science Volume 362	Iuliia Vlasenko, Meisam Vosoughpour Yazdchi, Veselin Ganev, Ioanis Nikolaidis	Published	Springer	http://link.springer.com/chapter/10.1007%2F978-3-642-37419-7_6	Yes	Co-Author	63-82	
9	IGOR: a Web-Based Automated Item Generation Tool	Automatic Item Generation Theory and Practice	T. Mortimer, E. Stroulia, M. V. Yazdchi	Published	Routledge	http://www.routledge.com/books/details/9780415897518/	Yes	Co-Author		2012/8

Dissertations

	Dissertation Title	Organization
1	Failure-driven learning as model-based self-redesign	Georgia Institute of Technology

Conference Publications

	Conference Publication Type	Publication Title	Authors	Conference Name	Publishing Status	Date	Contribution Role	Invited?
1	Paper	Understanding Android Fragmentation with Topic Analysis of Vendor-Specific	D. Han, C. Zhang, X. Fan, A. Hindle, K. Wong, E. Stroulia.	19th Working Conference on Reverse Engineering (WCRE 2012)	Published	2013/10	Co-Author	No

		Bugs.						
2	Paper	A Contextual Approach towards More Accurate Duplicate Bug Report Detection	Anahita Alipour, Abram Hindle, Eleni Stroulia	Mining Software Repositories (MSR) 2013	Accepted	2013/5	Co-Author	No
3	Paper	HGrid: A Data Model for Large Geospatial Data Sets in HBase	Dan Han, Eleni Stroulia	IEEE CLOUD 2013, IEEE 6th International Conference on Cloud Computing	Accepted	2013/5	Co-Author	No
4	Paper	WSMeta: A Meta-Model for Web Services to Compare Service Interfaces	M. Fokaefs, E. Stroulia	17th Panhellenic Conference on Informatics (PCI 2013)	Accepted	2013/5	Co-Author	No
5	Paper	Understanding Individual Contribution and Collaboration in Student Software Teams	Fabio Rocha, Eleni Stroulia	26th Conference on Software Engineering Education and Training (CSEET) 2013	Accepted	2013/3	Co-Author	No
6	Paper	Using Simulations to Integrate Technology into Health Care Aides' Workflow	Sharla King, Lili Liu, Eleni Stroulia, Ioannis Nikolaidis	International Conference on E-Learning in the Workplace (ICELW) 2013	Accepted	2013/2	Co-Author	No
7	Paper	Automated Acceptance Testing of JavaScript Web Applications.	N. Negara, E. Stroulia	19th Working Conference on Reverse Engineering (WCRE 2012)	Published	2012/10	Co-Author	No
8	Paper	WSDarwin: automatic web service client adaptation	Marios Fokaefs, Eleni Stroulia	CASCON '12 Proceedings of the 2012 Conference of the Center for Advanced Studies on Collaborative Research	Published	2012/10	Co-Author	No
9	Paper	fAARS: A Platform for Location-Aware Trans-reality Games	L. Gutierrez, E. Stroulia, I. Nikolaidis	11th International Conference on Entertainment Computing (ICEC 2012)	Published	2012/9	Co-Author	No
10	Paper	Cultural Analytics through Image Features Extraction and Exploration	P. Naeimi, E. Stroulia	Advances in Design for Cross-Cultural Activities; 4th International Conference on Applied Human Factors and Ergonomics 2012	Published	2012/7	Co-Author	No
11	Paper	Sensors as an Evaluative Tool for Independent Living	K. Woo, V. Ganey, E. Stroulia, I. Nikolaidis, L. Liu, R. Lederer	Advances in Human Aspects of Healthcare - 4th International Conference on Applied Human Factors and Ergonomics 2012	Published	2012/7	Co-Author	No
12	Paper	Do the stars align? Multidimensional analysis of Android's Layered Architecture.	V. Guana, F. Rocha, A. Hindle, E. Stroulia	9th Working Conference on Mining Software Repositories (MSR) 2012	Published	2012/6	Co-Author	No
13	Paper	A Remotely Programmable Smart Pillbox for Enhancing Medication Adherence	A. Alipour, L. Gilmour, B. Abbey, C. Camp, C. Hofer, R. Lederer, L. Liu, I. Nikolaidis, G. Rasmussen, C. Sadowski, E. Stroulia	25th IEEE International Symposium on Computer-Based Medical Systems (CBMS 2012)	Published	2012/6	Co-Author	No
14	Paper	Enhancing Query Support in HBase via an Extended Coprocessors Framework	H. Vashishtha, E. Stroulia	Towards a Service-Based Internet Lecture Notes in Computer Science Volume 6994, 2011, pp 75-87	Published	2011/10	Co-Author	No
15	Paper	Autonomic Configuration	M. Smit, E. Stroulia	37th Euromicro SEAA 2011	Published	2011/8	Co-Author	No

		Adaptation Based on Simulation-generated State-transition Models		Conference				
16	Paper	An Empirical Study on Web Service Evolution	M. Fokaefs, R. Mikhael, N. Tsantalís, E. Stroulia, A. Lau	IEEE International Conference on Web Services 2011 (ICWS 2011)	Published	2011/7	Co-Author	No
17	Paper	Automated State-Space Exploration for Configuration Management of Service-Oriented Applications,	M. Smit, E. Stroulia	IEEE International Conference on Web Services 2011 (ICWS 2011)	Published	2011/7	Co-Author	No
18	Paper	Video Games for Teaching and Learning: Game-building as a Teaching Tool.	P. Boechler, M. Carbonaro, E. deJong, E. Stroulia, and L. Gutiérrez	Society for Information Technology & Teacher Education International Conference 2011	Published	2011/3	Co-Author	No
19	Paper	Managing virtual world sessions for health science interprofessional education	P. Boechler, S. King, E. Stroulia, M. Carbonaro, E. deJong, E. Wasniewski, and D. Chodos	E-Learn 2010--World Conference on E-Learning in Corporate, Government, HealthHealthcare, and Higher Education	Published	2010/10	Co-Author	No
20	Paper	2D and 3D Visualizations in WikiDev2.0	M. Fokaefs, D. Serrano, B. Tansey, E. Stroulia	26th IEEE International Conference on Software Maintenance (ICSM 2010) ERA Track	Published	2010/9	Co-Author	No
21	Paper	Analyzing Natural-Language Artifacts of the Software Process	M. Hasan, E. Stroulia, D. Barbosa, M. Alalfi	26th IEEE International Conference on Software Maintenance (ICSM 2010) ERA track	Published	2010/9	Co-Author	No
22	Paper	Moving Text Analysis Tools to the Cloud	H. Vashishtha, M. Smit, E. Stroulia	IEEE Service Cup 2010, IEEE International Conference on Web Services (ICWS 2010)	Published	2010/7	Co-Author	No
23	Paper	MERITS Training System - Using Virtual Worlds for Simulation-based Training	D. Chodos, E. Stroulia, P. Kuras, M. Carbonaro, S. King	International Conference on Computer Supported Education (CSEDU 2010)	Published	2010/4	Co-Author	No
24	Paper	An Environment for Building, Exploring and Querying Academic Social Networks.	V. Ganev, Z. Guo, D. Serrano, B. Tansey, D. Barbosa, E. Stroulia	The International ACM Conference on Management of Emergent Digital EcoSystems (MEDES 2009)	Published	2009/10	Co-Author	No
25	Paper	WikiDev 2.0: Discovering Clusters of Related Team Artifacts	K. Bauer, M. Fokaefs, B. Tansey and E. Stroulia	CASCON '09 Proceedings of the 2009 Conference of the Center for Advanced Studies on Collaborative Research	Published	2009/10	Co-Author	No
26	Paper	Business Models in Emerging Online Services,	K. Lyons, C. Playford, P. Messinger, E. Stroulia, R.H. Niu	15th Americas Conference on Information Systems 2009, AMCIS 2009	Published	2009/8	Co-Author	No
27	Paper	Using Virtual Environments for an Interprofessional Communications Skills Instructional Program for Health Science Education.	P.M. Boechler, S. King, E. Stroulia, M. Carbonaro, H. Kanuka	World Conference on Educational Multimedia, Hypermedia and Telecommunications 2009	Published	2009/6	Co-Author	No
28	Paper	The Smart Condo:	N. Boers, D.	Pervasive Health	Published	2009/4	Co-Author	No

		Visualizing Independent Living Environments in a Virtual World	Chodos, J. Huang, P. Gburzynski, I. Nikolaidis, E. Stroulia	2009				
29	Paper	Capacity Planning for Service-oriented Architectures	M. Smit, A. Nisbet, E. Stroulia, A. Edgar, G. Iszlai, M. Litoiu	CASCON '08 Proceedings of the 2008 conference of the center for advanced studies on collaborative research: meeting of minds	Published	2008/10	Co-Author	No
30	Paper	Building highly-interactive data-intensive REST applications: The Invenio experience.	M. Annett, E. Stroulia	CASCON '08 Proceedings of the 2008 conference of the center for advanced studies on collaborative research: meeting of minds	Published	2008/10	Co-Author	No
31	Paper	Second Life Gift Registry: Bringing Retail Web Applications into the Metaverse	D. Chodos, E. Stroulia	IEEE Services Computing Contest 2008	Published	2008/7	Co-Author	No

Intellectual Property

Patents

	Patent Title	Patent Number	Patent Location	Patent Status	Filing Date
1	Methods for Matching XML Documents	61/666,108	United States / Virginia	In Progress	2012-06-29
2	METHODS FOR MATCHING XML DOCUMENTS	2,782,391	Canada / Ontario	In Progress	2012-06-29