

**UNIVERSITA' DEGLI STUDI DI MESSINA****BANDO MOBILITA' ERASMUS+ KA107 – A.A. 2019/2020
PER ATTIVITA' DI DOCENZA (STA)****Scheda di valutazione del Curriculum Vitae**

RIFERIMENTI	
Nome	SALVATORE
Cognome	DISTEFANO

REFERENTE DI ACCORDI DI COOPERAZIONE INTERNAZIONALE (4 punti)	
<u>SI</u>	KAZAN FEDERAL UNIVERSITY INNOPOLIS UNIVERSITY
NO	

PRIMA ESPERIENZA DI MOBILITA' ERASMUS+ (4 punti)	
SI	PRIMA ESPERIENZA
<u>NO</u>	STA KAZAN FEDERAL UNIVERSITY 2018-2019

CONOSCENZA LINGUISTICA (2 punti)	
Il candidato dichiara, sotto la propria responsabilità, di conoscere la lingua della sede richiesta o la lingua prevista nell'accordo interistituzionale,	<u>SI</u> CONOSCENZA INGLESE
	NO

CURRICULUM VITAE

Fino a 5 punti

Fino a 1 punto

Piu' di 200 pubblicazione di cui oltre 120 in atti di conferenze.

Si elencano alcune tra le piu' recenti a cui ho preso parte

1. A Toshev, M Talanov, A Tchitchigin, S Distefano, "Neuromorphic Robot Dream: A Spike Based Reasoning Sys- tem", The 2017 International Conference on Artificial Life and Robotics (ICAROB 2017), Jan. 19-22, 2017, Seagaia Convention Center, Miyazaki, Japan, pp 334-337.
2. IC.90. D. Bruneo, S. Distefano, F. Longo, G. Merlino and A. Puliafito, A. Zaia, "Head in a Cloud: an Approach for Arduino YUN Virtualization," 2017 Global Internet of Things Summit (GloTS) - IoT Enabling Technologies, June 6-9 2017, Geneva, Switzerland
3. S. Distefano, Samuele Rodi, "Volunteering, Crowdsourcing and Citizen Science: an overview from the computing perspective", Proceedings of the 31st IEEE International Parallel and Distributed Processing Symposium, IEEE, May 29 - June 2, 2017, Orlando, Florida USA.
4. IC.92. Max Talanov, Evgeniy Magid, Evgeniy Yu. Zykov, Salvatore Distefano, Victor Erokhin, "The memristive artificial neuron high level architecture for biologically inspired robotic systems", International Conference on Mechanical, System and Control Engineering, Saint-Petersburg, Russia, 2017
5. IC.93. Max Talanov, Mariya Zagulova, Salvatore Distefano, Jordi Vallverdu, Boris Pinus, Alexey Leukhin "The Implemen- tation of Noradrenaline in the NeuCogAr Cognitive Architecture", The Ninth International Conference on Advanced Cognitive Technologies and Applications - COGNITIVE 2017 - February 19 - 23, 2017 - Athens, Greece
6. IC.94. Anup Kiran Bhattacharjee, Dario Bruneo, Salvatore Distefano, Francesco Longo, Giovanni Merlino and Antonio Puli- afito. "Extending Bluetooth Low Energy PANs to Smart City Scenarios", 3rd IEEE International Workshop on Sensors and Smart Cities, May 31, 2017, Hong Kong, China.
7. IC.95. Max Talanov, Fail Gafarov, Jordi Vallverdu', Sergey Ostapenko, Marat Gazizov, Alexander Toshev, Alexey Leukhin and Salvatore Distefano "Simulation of serotonin mechanisms in NEUCOGAR cognitive architecture" 2017 Annual International Conference on Biologically Inspired Cognitive Architectures, Moscow, Russia.
8. IC.96. Rustem Dautov, Salvatore Distefano, Dario Bruneo, Francesco Longo, Giovanni Merlino, Antonio Puliafito, "Pushing Intelligence to the Edge with a Stream Processing Architecture", 10th IEEE International Conference on Internet of Things (iThings-2017), Exeter, England, UK, 21-23 June 2017. Best Paper Award.
9. IC.97. Rustem Dautov, Salvatore Distefano, Dario Bruneo, Francesco Longo, Giovanni Merlino, Antonio Puliafito, "Towards a Global Intelligent Surveillance System", 11th International Conference on Distributed Smart Cameras (ICDSC 2017), 5-7 SEPTEMBER 2017, Stanford University, CA, USA.
10. Rustem Dautov, Salvatore Distefano, "Distributed Data Fusion for the Internet of Things", In: Malyshkin V. (eds) Parallel Computing Technologies (PaCT 2017). Lecture Notes in Computer Science, vol 10421. Springer, Cham https://doi.org/10.1007/978-3-319-62932-2_41
11. Rustem Dautov, Salvatore Distefano, "Three-Level Hierarchical Data Fusion through the IoT, Edge and Cloud Comput- ing", 1st International Conference on IoT and Machine Learning (IML 2017),
12. Rustem Dautov, Salvatore Distefano, "Policy Management and Enforcement Using OWL and SWRL for the Internet of Things", 16th International Conference on Ad-Hoc Networks and Wireless (ADHOC-NOW 2017), pp 342-355
13. Rustem Dautov, Salvatore Distefano, "Targeted Content Delivery to IoT Devices Using Bloom Filters", 16th Interna- tional Conference on Ad-Hoc Networks and Wireless (ADHOC-NOW 2017), pp 39-52
14. Salvatore Distefano, Kostya Esmukov, Dario Bruneo, Francesco Longo, Giovanni Merlino, Antonio Puliafito, "User- Space Network Tunneling Under a Mobile Platform: A Case Study for Android Environments", 16th International Conference on Ad-Hoc Networks and Wireless (ADHOC-NOW 2017), pp 342-355
15. Rustem Dautov, Salvatore Distefano, "A Semantic Approach to Policy Management and Enforcement for the Internet of Things", 3rd

Partecipazione in qualità di relatore a convegni internazionali presso:

(specificare la sede e la data dell'attività)

	<p>International Conference on Human-Centered Computing (HCC 2017), Kazan, Russia, 7 - 8 August 2017</p> <p>16. Salvatore Distefano, Giovanni Merlino, Davide Cerotti, Rustem Dautov, Antonio Puliafito, "Crowdsourcing and Stig- mergic Approaches for (Swarm) Intelligent Transportation Systems", 3rd International Conference on Human-Centered Computing (HCC 2017), Kazan, Russia, 7 - 8 August 2017</p> <p>17. Rustem Dautov, Salvatore Distefano, "Property-Based Discovery of IoT Nodes using Bloom Filters", 3rd International Conference on Human-Centered Computing (HCC 2017), Kazan, Russia, 7 - 8 August 2017</p> <p>18. Rustem Dautov, Salvatore Distefano, "Vs-driven (Big)Data Intensive Application Development Process", 7th Workshop on New Frontiers in Quantitative Methods in Informatics, InfQ 2017, December 4, 2017, Venice, ITALY</p> <p>19. Rustem Dautov, Salvatore Distefano, "Quantifying Volume, Velocity, and Variety to Support (Big) Data-Intensive Ap- plication Development", IEEE International Workshop on Benchmarking, Performance Tuning and Optimization for Big Data Applications (BPOD 2017) at the IEEE Big Data 2017 Conference (IEEE BigData 2017), December 11-14, 2017, Boston, MA, USA</p> <p>20. Talanov, M., Gafarov, F., Vallverdu', J., Ostapenko, S., Gazizov, M., Toshev, A., Leukin, A., Distefano, S. (2018). "Simulation of serotonin mechanisms in NEUCOGAR cognitive architecture." Procedia Computer Science, 123, 473-478.</p> <p>21. Dario Bruneo, Sebastiano Chillari, Salvatore Distefano, Maurizio Giacobbe, Antonino Longo Minnolo, Francesco Longo, Giovanni Merlino, Davide Mulfari, Alfonso Panarello, Giuseppe Patane', Antonio Puliafito, Carlo Puliafito, Marco Scarpa, Nachiket Tapas, Giancarlo Visalli, "Building a Smart City Service Platform in Messina with the #SmartME Project", 32nd International Conference on Advanced Information Networking and Applications Workshops, AINA 2018, Krakow, Poland, May 16-18, 2018, pp 343-348. IEEE Computer Society 2018, ISBN 978-1-5386-5395-1</p> <p>22. Muhammad Ahmad, Mohammed A. Alqarni, Asad Khan, Adil Khan, Sajjad Hussain Chauhdary, Manuel Mazzara, Tariq Umer, and Salvatore Distefano, "Seeking Optimum System Settings for Physical Activity Recognition on Smartwatches" Computer Vision Conference 2019</p>
<p>Attività di formazione post-lauream ricevuta all'estero</p> <p><i>(specificare la tipologia e l'Istituzione straniera presso cui si è conseguita la formazione)</i></p>	<p>Fino a 1 punto</p> <p>1) <i>March – September 2005:</i> Visiting researcher/scholar at the Electrical and Computer Engineering Department of the University of Massachusetts, Dartmouth, USA, in the context of a PhD student exchange program, collaborating with Professors Steve Nardone and Liudong Xing.</p> <p>2) <i>October – December 2005:</i> Visiting researcher at the Network Research Lab at University of California Los Angeles, Computer Science Department, USA, working with Prof. M. Gerla on performance and reliability modelling of MANET and Vehicular networks.</p> <p>3) <i>June – July 2008:</i> Visiting researcher at the Electrical and Computer Engineering Department of the Duke University, Durham, USA, under the supervision of Prof. Kishor S. Trivedi, investigating the topic of Markovian and non-Markovian modeling.</p>
<p>Attività di valutazione e referaggio di progetti internazionali;</p> <p><i>(specificare, nel rispetto degli obblighi di riservatezza, per quali Istituzioni/ programmi si è svolta l'attività)</i></p>	<p>Fino a 3 punti</p> <p>Revisore per i seguenti programmi di ricerca</p> <p>1) EU COST Expert (2014- Now)</p> <p>2) Italian MIUR PRIN-FIRB (2012-Now)</p> <p>3) Romanian UEFISCDI PCCA (2012-Now)</p> <p>4) Kazakhstan National Center of Science and Technology Evaluation (2014-Now)</p>
	<p>Fino a 5 punti</p>

<p>Attività di Visiting professor/researcher svolti all'estero al fuori del programma Erasmus +</p> <p><i>specificare le sedi/date in cui si svolta l'attività (verrà data rilevanza all'attività svolta presso Atenei Hindex Shanghai)</i></p>	<ul style="list-style-type: none"> • <i>Sept 2014-Sept 2015: Visiting professor at Innopolis University, Kazan, Russia.</i> • <i>2015-2018: Professor Fellow at Kazan Federal University, Kazan, Russia.</i> • <i>January 2017-January 2018: Visiting professor at Innopolis University, Kazan, Russia.</i>
	<p>Fino a 10 punti</p>
<p>Altre attività internazionali al di fuori del programma Erasmus +</p> <p><i>(specificare la tipologia/date/sede di eventuali altre attività svolte)</i></p>	<ul style="list-style-type: none"> - Autore di piu' di 200 pubblicazione - Organizzazione di piu' di 30 conferenze e workshop internazionali - Supervisore di piu' di 50 studenti tra primo (>30), secondo (>10) e terzo (dottorato, > 10, tra cui studenti all'estero - KFU) livello - Docenza di > 10 corsi all'estero - Partecipazione, coinvolgimento e coordinamento dei seguenti progetti: - Innovazione n. 3.6 - "Qualita'" - sottoprogetto n. 3.6.2 - "CAD/CAM per la qualita' nelle aziende elettromeccaniche e metalmeccaniche", PRAT. IMI N. 63039 (Prof. G. Messina - University of Catania) - "ISIDE: Sistemi di elaborazione reattivi ed affidabili per applicazioni industriali", MURST COFIN (Prof. A. Puliafito - University of Messina) - "PERF: Performance Evaluation of Complex Systems: Techniques, Methodologies and Tools", MIUR FIRB (http://www.perf.it/), (Prof. A. Puliafito - University of Messina) - "WebMinds: Wide-scale Broadband MIDDLEWARE for Network Distributed Services", MIUR FIRB (http://web-minds.conorzio-cini.it/) (Prof. A. Puliafito - University of Messina) - "TriGrid VL: Trinacria Grid Virtual Laboratory", POR SICILIA (http://www.trigrd.it/) (Prof. A. Puliafito - University of Messina) - "RESERVOIR: Resources and Services Virtualization without Barriers", EUROPEAN UNION FP7 FUNDED PROJECT (http://62.149.240.97/) (Prof. A. Puliafito - University of Messina) - "WiseDemon: WIRELESS Sensor networks for DEpendable MONitoring of critical applications - Affid- abilita' e qualita' del servizio in sistemi di monitoraggio basati su Wireless Sensor Networks per appli- cazioni critiche", MIUR PRIN-07 (Prof. M. Scarpa - University of Messina) - "Cloud@Home: a New Enhanced Computing Paradigm", MIUR PRIN-08 (https://cloudathome.unime.it) (Prof. A. Puliafito - University of Messina) - "Self Managing Situated Computing" (SMSCOM) -

	<p>ERC Advanced Investigator Grant N. 227977, Dec. 2008-Dec. 2013 (Prof. C. Ghezzi - Politecnico di Milano).</p> <ul style="list-style-type: none"> - Management Committee Member and Working Group 2 Chair of COST Action IC1303 - Algorithms, Architectures and Platforms for Enhanced Living Environments (AAPELE) - Nov. 2013 - Nov. 2017 - Management Committee Member of ICT COST Action IC1203 - European Network Exploring Research into Geospatial Information Crowdsourcing: software and methodologies for harnessing geographic information from the crowd (ENERGIC) - Dec. 2012 - Dec. 2016 - Working Group 3 Member of ICT COST Action TD1202- Mapping and the citizen sensor - Dec. 2012 - Dec. 2016 - Management Committee Member of ICT COST Action IC1305 - Network for Sustainable Ultrascale Computing (NESUS) - March 2014 - March 2018 - Italian Ministry of Research and University (MIUR) Project on Smart Cities and Communities: PSC - PIATTAFORMA DEI SERVIZI NEL SETTORE DELLA GIUSTIZIA CIVILE, - 2014-2017 - Italian Ministry of Research and University (MIUR) Project on ITS (Intelligent Transportation System) Italia 2020, - 2014-2017 - Innopolis University/Achronis Russian Federation Cloud project on Data Storage System, - 2014-2017 - Salvatore Distefano is involved in the following research projects: - Management Committee Member of ICT COST Action IC1404 - Multi-Paradigm Modelling for Cyber-Physical Systems (MPM4CPS) - 2014 - 2018 - Recipient of the Higher Institute of Information Technologies and Information Systems, Kazan Federal University, Kazan, Russia, 1 M\$ Professor Fellowship Grant, - 2015-2018 - IOT-OPEN.EU EU Erasmus+ programme KA2 (Strategic Partnership for Higher Education), 2016 - 2019, University of Messina Team Leader. - Recipient of the Republic of Tatarstan Algarysh Grant, Russia, 2 M Rubles, - 2018-2019 - Italian “PON” Project ToolSmart, 684500 EURO, 2018-2020
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Luogo e data MESSINA, 23-12-2019

IL RICHIEDENTE