PERSONAL INFORMATION

Enrico Venuto

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Linkedin https://www.linkedin.com/in/enricovenuto/

Sex Male | Nationality Italian

POSITION

Principal Investigator – The Intelligent Network of National Remote Teaching – FISR Covid-19

WORK EXPERIENCE

from 2018

Head of IT Infrastructures at Politecnico di Torino

- Design, development and innovation of IT Infrastrutcures of Politecnico di Torino
- Management of interconnection infrastructures to the Italian research network (GARR)
- Integration of new technologies (networks and systems)
- LAN, MAN and regional branches of the University network connection management
- Management of fixed and mobile telephony systems
- Design, Installation and tuning of active equipment and Wireless network services for students and staff the University
- Monitoring network and voice resources
- University Data Center and DataCenter Facility management and control
- Supervision and work management for the construction of new local network installations in coordination with the Plant Office Manager
- Management of central systems and hardware platforms and support systems DNS, Proxy, DHCP, E-mail, FTP, etc.
- Management of Storage and Backup systems
- Standard definition for application architectures (in coordination with other areas)
- Promotion of OpenSource initiatives and definition of guidelines for the adoption of open code solutions
- Management of sharing and reuse policies
- Control of the University's technological planning, with particular reference to new technologies for teaching, web learning and multichanneling
- Support for Research initiatives
- Addressing the problems of management and conservation of electronic resources

IT Infrastructures

from 2018

APM (Access Port Manager) and rector's delegate for the GARR Network

- Takes care of the planning and optimization of the resources of the University network and access to the GARR Network
- Participates in periodic meetings of the CRUI-GARR Commission.
- Manages the connection with the GARR Network and is the technical reference person at the GARR for its establishment.
- Has the task of managing the connection with the GARR network and is the only technical contact point between the site to which it belongs and the Operational, Application and Advanced Services which are an integral part of the GARR Network

Network

from 2006	**CISO – Coordinatore Sicurezza informatica di Ateneo at Politecnico di Torino**

- Directing, planning, coordination and monitoring of IT security with regard to data, systems and infrastructures also in relation to the public connectivity system, in compliance with the technical rules indicated in art 51 of Legislative Decree 82/2005;
- Coordination with the digital office and with the Commission for information technology strategies
- Collaboration with the University DPO for data protection issues;
- Support to the Data Controller in implementing the technical and organizational measures adequate to guarantee a level of security appropriate to the risk, for the rights and freedoms of people, as provided for by art. 32 of the GDPR
- Support to the Data Controller in case of data breach by collaborating in the activities provided for in art. 33 and 34 of the GDPR following a data breach

Cybersecurity

from 2010 to 2018	**Head of New Technologies, Portals and Content Services at Politecnico di Torino**

- Standard definition for application architectures (in coordination with other areas)
- Promotion of OpenSource initiatives and definition of guidelines for the adoption of open code solutions
- Management of sharing and reuse policies
- Control of the University's technological planning, with particular reference to new technologies for teaching, web learning and multichanneling
- Mobile transition and mobile APP design and development
- Design and development of the Video-lecture service for over 1M streaming/download per year
- Support for Research initiatives
- Addressing the problems of management and conservation of electronic resources

e-Learning

from 1997 to 2009	**Member of the Didattic Managerment Area of Politecnico di Torino**

- Design and management of teaching and learning support systems, teaching portals, distant learning

EDUCATION AND TRAINING

MD in Electronic Engineering at Politecnico di Torino

PERSONAL SKILLS

Mother tongue(s)	Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

English

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills	▪ Ability and experience working in a team, both as a member and as Team Leader, Project Manager with multiple teams. ▪ Ability and experience of working in "multidisciplinary" archival-documentary, rather than legal, teams. ▪ Natural aptitude for carrying out coordination activities, ability to work in teams, also heterogeneous in terms of skills and age, and made up of very young people or students. ▪ Listening skills, willingness to compare, also expressed through coaching approaches, strong focus on the goal and on its sharing and taking charge by the teams. ▪ Ability, attitude and willingness to propose and support change processes aimed at improving the service rendered to the public, improving the cost-benefit ratio, effectiveness and efficiency. ▪ Ability, experience and availability to work in international contexts. ▪ Attitude to problem solving and natural predisposition to the "lateral thinking."
Organisational / managerial skills	▪ Management skills acquired both through training courses for the managerial role and at work through more than ten-year activities of coordination and management of different work teams. ▪ Ability to manage internal and external human capital, also carried out through the definition of roles, tasks and objectives in flexible structures oriented towards the common result, cooperation and simplification. ▪ Attitude and willingness to propose and support change processes aimed at improving the service rendered to the public, improving the cost-benefit ratio, effectiveness and efficiency. ▪ Moderate budget management skills and experience.
Job-related skills	▪ Remarkable IT technical skills acquired both with specific training, but above all in the workplace, thanks also to the activation of synergies and collaborations with teachers, departments and the world of research, including also cooperation with industrial partners in the context of projects Europeans of considerable size.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Publications
▪ 2018
  ▫ Farinetti, Laura; Mezzalama, Marco; Venuto, Enrico (2018) L'uso delle tecnologie ICT (dal web alle app) a supporto della didattica blended, in Contributo in volume "La formazione nell'era delle smart cities" Monduzzi Editore
▪ 2017
  ▫ Baralis, Elena; Cagliero, Luca; Farinetti, Laura; Mezzalama, Marco; Venuto, Enrico (2017) Experimental validation of a massive educational service in a blended learning environment, In: 2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC), pagine 381-390, ISBN: 978-1-5386-0367-3
  ▫ Cagliero, Luca; Farinetti, Laura; Mezzalama, Marco; Venuto, Enrico; Baralis, Elena (2017) Educational video services in universities: a systematic effectiveness analysis, In: 2017 IEEE Frontiers in Education Conference (FIE), pagine 1-9, ISBN: 978-1-5090-5920-1
  ▫ Mezzalama, Marco; Venuto, Enrico; Farinetti, Laura (2017) From Web to Apps in Massive University On-line Learning, In: JOURNAL OF MODERN EDUCATION REVIEW, pagine 166-178, ISSN: 2155-7993
  ▫ Castaldo, Ursula; Mezzalama, Marco; Venuto, Enrico (2017) Dalle APP per la didattica alle APP nella didattica - Innovazioni per una didattica innovativa, In: Atti del programma scientifico di Didamatica 2017, ISBN: 9788898091461

- 2016
  - Castaldo, Ursula; Mezzalama, Marco; Venuto, Enrico (2016) Mobile Web App: technologies and services in a Campus environment, In: MONDO DIGITALE, pagine 1-10, ISBN: 9788898091447, ISSN: 1720-898X
  - Mezzalama, Marco; Venuto, Enrico (2016) Massive on-line learning: moving from web to mobile, In: Enhancing european higher education; "Opportunities and impact of new modes of teaching", pagine 749-766, ISBN: 978-90-79730-25-4
- 2015
  - Castaldo U.; Mezzalama M.; Venuto E. (2015) Dal Web alle APP: esperienze nei sistemi MOOC e MOC, In: Didamatica 2015, ISBN: 9788898091386
  - Mezzalama, Marco; Oglietti, Gianluca; Venuto, Enrico (2015) IP packet capture on high throughput networks by using NUMA architectures, In: INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING, pagine 248-255, ISSN: 2409-4285
- 2014
  - Castaldo U., Mezzalama M., Venuto E. (2014) Experimenting MOC & MOOC in technical university. In: Nuovi Processi e Paradigmi per la Didattica 28° EDIZIONE, Napoli, 7, 8 e 9 Maggio 2014. pp. 78-88 http://porto.polito.it/2543538/
- 2013
  - Castaldo U., Mezzalama M., Venuto E. (2013) Multicanalità e e-learning: nuovi scenari tecnologici e didattici. In: Didamatica 2013, Pisa (Italia), 7-8-9 Maggio 2013. pp. 359-368 http://porto.polito.it/2507466/
  - Mezzalama M., Oglietti G., Venuto E. (2013) Sicurezza nelle reti: utilizzo di architetture multi-core per il monitoraggio del traffico IP. In: Frontiere Digitali: dal Digital Divide alla Smart Society, Fisciano (ITA), 18-19-20 Settembre 2013. pp. 176-185 http://porto.polito.it/2515100/
- 2012
  - Salvatore Barbagallo, Roberto Bertonasco, Fulvio Corno, Laura Farinetti, Marco Mezzalama, Matteo Sonza Reorda, Enrico Venuto (2012) E-Learning at Politecnico di Torino: Moving to a Sustainable Large-Scale Multi-Channel System of Services. In: Handbook of Research on Didactic Strategies and Technologies for Education: Incorporating Advancements / Paolo M. Pumilia-Gnarini, Elena Favaron, Elena Pacetti, Jonathan Bishop, Luigi Guerra. Information Science Reference (an imprint of IGI Global), Hershey PA, pp. 690-702. ISBN 9781466621220
  - http://porto.polito.it/2515100/
- 2011
  - Berbecaru D., Lioy A., Mezzalama M., Santiano G., Venuto E., Oreglia M. (2011) Federating e-identities across Europe, or how to build cross-border e-services. In: AICA-2011 conference - Smart Tech & Smart Innovation, Torino (Italy), 15-17/11/2011. http://porto.polito.it/2462182/
  - Barbagallo S., Bertonasco R., Corno F., Mezzalama M., Sonza Reorda M., Venuto E. (2011) La formazione a distanza al Politecnico di Torino: nuovi modelli e strumenti. In: Didamatica 2011, Torino (IT), 4-6 maggio 2011.
- 2003
  - Novello G., Venuto E., Boffa Tarlatta E, Bocconcino M. (2003) Idee e risultati per il Disegno: dal progetto di miglioramento della didattica alla valutazione degli esiti - Un sistema informativo ipertestuale per la didattica. XIII ADM-XV INGEGRAF International Conference on TOOLS AND METHODS EVOLUTION IN ENGINEERING DESIGN. Napoli 4-6 giugno 2003 vol. 1. Abstract nel volume, testo completo edito in formato elettronico su cd-rom. Topic1 10pp

Presentations

- Contributo Workshop GARR 2019 "Network makers" con l'intervento: Enrico Venuto "Le regioni OpenStack del GARR – Il Cloud nel tuo Datacenter" https://www.garr.tv/stream/5dba8b76a4bdb6001a64420f

- Contributo al Workshop 2019 "Archivi digitali. A che punto siamo?" organizzato dall'ANAI (Associazione Nazionale Archivistica Italiana) – Sezione Piemonte e Valle d'Aosta con l'intervento: Enrico Venuto "La sicurezza dei dati e delle informazioni nell'era del GDPR, dei Big Data e dell'intelligenza artificiale" http://www.documento-elettronico.it/workshop/workshop-2019/atti-della-giornata/185-la-sicurezza-dei-dati-e-delle-informazioni-nell-era-del-gdpr-dei-big-data-e-dell-intelligenza-artificiale

- Contributo al Workshop 2018 "Conservare perché? Consevare per chi?" organizzato dall'ANAI (Associazione Nazionale Archivistica Italiana) – Sezione Piemonte e Valle d'Aosta con l'intervento: Marco Mezzalama, Enrico Venuto "La memoria al tempo dei Big Data – Tecnologie e altro" http://www.documento-elettronico.it/images/pdf/2018/2.ANAI-P&VdA-DocEl2018-Mezzalama-Venuto.pdf

▪ Contributo al Workshop 2014 "Database per conservare i documenti o database come documento da conservare" organizzato dall'ANAI (Associazione Nazionale Archivistica Italiana) – Sezione Piemonte e Valle d'Aosta con l'intervento: Enrico Venuto "Il database relazionale – Una panoramica" http://www.documento-elettronico.it/workshop/workshop-2014/atti-della-giornata/120-il-database-relazionale-una-definizione

▪ Contributo al Workshop 2013 "Selezionare per conservare. Lo scarto nell'archivio ibrido e digitale" organizzato dall'ANAI (Associazione Nazionale Archivistica Italiana) – Sezione Piemonte e Valle d'Aosta con l'intervento: Enrico Venuto "Il Cloud Computing in Itala: una panoramica" http://www.documento-elettronico.it/workshop/workshop-2013/atti-della-giornata/103-il-cloud-computing-in-italia

▪ Contributo al Workshop 2010 "Il documento elettronico - Oltre le norme per condividere buone pratiche" organizzato dall'ANAI (Associazione Nazionale Archivistica Italiana) – Sezione Piemonte e Valle d'Aosta con l'intervento: Nicoletta Fiorio – Enrico Venuto "Vado a dare un esame - L'informatizzazione della procedura di iscrizione e verbalizzazione degli esami universitari: esperienze a confronto" http://www.documento-elettronico.it/workshop/workshop-2010/atti-della-giornata/60-vado-a-dare-un-esame

▪ Relazione alla 4° Conferenza Annuale Oracle User Group Italia: "Sviluppo di applicazioni multifunzionali per chioschi e sportelli pubblici" Marco Oreglia, Enrico Venuto – Genova - Marzo 2000 – Pubblicata su "Atti della Conferenza – Case of History"

▪ Relazione all'European Oracle User Group: "Development of multifunctional applications for kiosks and counters with Oracle Developer 6. (includes Oracle Rdb 7)" – Paper#98 – Marco Oreglia, Enrico Venuto – Madrid – giugno 2000 – Pubblicati su Web e sul Conference Proceedings 2000 CDROM Torino

Local projects	Participation in projects of the Municipality of Turin in collaboration with the Polytechnic for School 2.0

▪ Support and identify technological solutions in the field of IT networks and IT infrastructures as a whole;
▪ Define, and provide, a training course aimed at updating specific skills in the ICT domain for teachers and technicians of the schools involved in the project;
▪ Provide support and advice directly to schools also with a team of students from the Polytechnic of Turin through the provision of specific scholarships, in the context of the Framework Agreement between the Municipality of Turin and the Polytechnic of 8 March 2013;
▪ Support the installation and enhancement of computer labs for teaching also with a team of students from the Polytechnic of Turin through the provision of specific scholarships, in the context of the Framework Agreement between the Municipality of Turin and the Polytechnic of 8 March 2013 ;
▪ Ddefinition of didactic courses aimed at updating the competences related to computational thinking and didactic methodologies for the teachers of the schools involved in the project;
▪ Open source systems for collaborative teaching within classes and in schools.

Italian projects	Centro di Competenza Calcolo ad Alte Prestazioni e Intelligenza Artificiale Torino

European projects	STORK (June 2008 – December 2011) Secure idenTity acrOss boRders linKed

Establish a European eID Interoperability Platform that will allow citizens to establish new e-relations across borders, just by presenting their national eID. User-centric Approach = Privacy Guarantee

Virtual Campus Hub (October 2011 – September 2013) Develop and implement the tools and e-learning platforms needed to establish a European, and potential world-wide, Virtual Campus network primarily for technical universities and business schools.

STORK 2.0 Secure idenTity acrOss boRders linKed 2.0
Contribute to the realization of a single European electronic identification and authentication area, establishing interoperability of different approaches at national and EU level, eID for persons, eID for legal entities and the facility to mandate. 19 participating countries - 58 partners in total

Honours and awards	IEEE-HKN Professional Member

honor date Jun 2018 honor issuer IEEE-Eta Kappa Nu Honor Society
Inducted as professional member in the IEEE-Eta Kappa Nu (HKN) honor society by the Mu Nu

chapter at Politecnico di Torino, Italy

Memberships

From December 2017: Member of the Comitato di Indirizzo del Laboratorio VR@Polito: The Virtual Reality initiative of Politecnico di Torino.

From March 2018: Member of the Comitato di Indirizzo del Laboratorio di High Performing Computing del Politecnico di Torino (HPC@Polito)

ANNEXES

chapter at Politecnico di Torino, Italy