

ALESSANDRO CAFORIO

Head of Research and Innovation - International Telematic University UNINETTUNO

SHORT BIO

Alessandro Caforio (13/06/1976) is Head of Research and Innovation at International Telematic University Uninettuno, coordinating the design and the management of research projects focused on ICT technologies applied to teaching and learning processes, main research field of Uninettuno.

He is furthermore Contract Professor for "Education and new media" and "Psychotechnologies and Learning processes" courses (BA program "Psychosocial Disciplines"), for "Psychotechnologies" course (BA program "Communication Science" Faculty), for "E-Learning Instructional Design" course (Master Degree Program, "Cognitive processes and technologies", Psychology Faculty).

He has been involved in proposal writing and implementation of European projects in the Lifelong Learning, Tempus, Erasmus+ and Horizon2020 programmes; his international research activity is focused on technologies, processes and services applied to online learning environments design and provision.

His expertise ranges from cognitive psychology to web development, from user requirement analysis and application design to experimental pedagogy and organizational models definition.

CURRENT POSITION AND MAIN RESPONSIBILITIES

As Head of Research for UNINETTUNO University, since 2011 I coordinate the proposal design, project management and research activities for EU projects, being specifically involved in the scientific design and activities for projects concerning technologies applied to teaching and learning processes and higher and continuous education landscape innovation.

Furthermore, as the reference point for the Governmental Body of Uninettuno University about e-learning technologies and pedagogical models compliance, I take care of:

- Presentation, negotiation and definition of agreements with partner universities and enterprises;
- Professors and Tutors training to Uninettuno pedagogical and technological models;
- Research-driven innovation in Uninettuno e-learning provision model;
- Curriculum and course design, quality assurance, coordination and monitoring;
- Contact point for Quality Assurance agencies at national and international level.

PROFESSIONAL EXPERIENCE

2019 – ongoing: Management Board Member – REBUILD project (ICT-Enabled integration facilitator and life rebuilding guidance), funded by European Commission under H2020 Programme, contract number: 822215)

2018 – ongoing: Board of Directors Member – UNINETTUNO Foundation

2016 - ongoing: Board of Directors Member - MAG s.r.l., a research-based spin-off of UNINETTUNO University focused on the development of market-oriented innovative projects of technology enhanced learning and research.

2016 - ongoing: member of the Editorial Board of JTIE - Journal of Technology and Information Education, https://www.jtie.upol.cz/artkey/inf-990000-0300_About_the_Journal.php

2015 - ongoing: invited member of EMPOWER European expert pools:
Course and Curriculum Design (<https://empower.eadtu.eu/fields-of-expertise/curriculum-development-and->

Alessandro Caforio
m: a.caforio@uninettuno.it
p: +39 06 69207638

course-design/meet-the-experts)

Continuous Professional Development (<https://empower.eadtu.eu/fields-of-expertise/continuous-professional-development/meet-the-experts>)

2013 - ongoing: Member of the UNINETTUNO University Quality Assurance Body as senior expert of UNINETTUNO didactical, organizational and technological model

2010 - 2016: Member of the Scientific Committee of the IADIS Mobile Conference

2010 - 2013: Didactic Coordinator for EDICT (Enterprise Development through Information and Communication Technologies) project

Role: The United Nations Industrial Development Organization (UNIDO)'s "Enterprise Development through Information and Communication Technology for Iraq" (EDICT) project, in partnership with the International Telematic University Uninettuno, is funded by the Italian Cooperation for Development (Cooperazione Italiana) and implemented through the support of the Iraqi Ministry of Industry and Minerals, Kurdistan Regional Government – Iraq, Thi Qar Provincial Council. EDICT aims to support directly both Iraqi institutions and the private sector, mainly small- and medium-sized enterprises (SMEs), providing entrepreneurship skills to young Iraqi entrepreneurs through the use ICT-based learning.

2000 - 2011: E-Learning Technologies Expert

Institution: NETTUNO Consortium (Network for the University Everywhere)

Role: Analysis, design and implementation of new Web-based technologies applied to distance learning in the Higher Education field

TEACHING EXPERIENCE

A.Ys. 2017/18 - ongoing: Contract Professor "Progettazione didattica nell'eLearning" (*E-Learning Instructional Design*); Degree program: Master Degree in Cognitive processes and technologies; Faculty: Psychology; University: International Telematic University UNINETTUNO

A.Ys. 2012/13 - ongoing: Contract Professor "Psicotecnologie e processi formativi" (*Psychotechnologies and learning processes*); Degree program: BA in Psycho-social disciplines; Faculty: Psychology; University: International Telematic University UNINETTUNO

A.Ys. 2012/13 - ongoing: Contract Professor "Psicotecnologie" (*Psychotechnologies*); Degree program: BA in Communication, media and advertising; Faculty: Communication sciences; University: International Telematic University UNINETTUNO

A.Ys. 2013/14 - ongoing: Tutor "Tecnologie e processi di insegnamento e apprendimento" (*Technologies and processes for teaching and learning*); Degree program: Master Degree in Cognitive processes and technologies; Faculty: Psychology; University: International Telematic University UNINETTUNO

A.Ys. 2013/14 - 2015/2016: Contract Professor "Educazione e nuovi media" (*Education and new media*); Degree program: BA in Psycho-social disciplines; Faculty: Psychology; University: International Telematic University UNINETTUNO

A.Ys. 2013/14: Contract Professor/Tutor "Interazione Uomo-Macchina" (*Human-Computer Interaction*); Degree program: Master Degree in Cognitive processes and technologies; Faculty: Psychology; University: International Telematic University UNINETTUNO

A.Ys. 2011/12: Contract Professor "Laboratorio E-Learning" (*E-Learning lab*); Degree program: BA in Educational Sciences; Faculty: Medicine and Psychology; University: "La Sapienza" University - Rome

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A.Ys. 2009/10 - 2010/2011: Contract Professor "Psicotecnologie e processi formativi" (*Psychotechnologies and Learning Processes*); Degree program: BA in Psycho-social research disciplines; Faculty: Psychology; University: "La Sapienza" University - Rome

A.Ys. 2008/09 - 2010/2011: Contract Professor "Tecnologie dell'istruzione e dell'apprendimento" (*Teaching and learning technologies*); Degree program: BA in Psycho-social research disciplines; Faculty: Psychology University: "La Sapienza" University - Rome

EDUCATION

1994-2000: Master Degree in Psychology; Final dissertation "Usability of UI in eLearning websites"; La Sapienza University - Rome - Italy; Psychology Faculty;

RELEVANT PUBLICATIONS

CAFORIO, A., Carci, G. (2019), *Fenomeni migratori e formazione universitaria: il progetto Università per i Rifugiati*, LLL - Lifelong Lifewide Learning 2019, VOL 15 , N. 33, 99-113, EdaForum, Firenze, ISSN 2279-9001

Assante, D., CAFORIO, A. Flamini, M., Romano, E. (2019) *Smart Education in the context of Industry 4.0*, 2019 IEEE Global Engineering Education Conference (EDUCON), doi: 10.1109/EDUCON.2019.8725057

Carci, G., CAFORIO, A., Gamper, C. (2019) *Digital technologies and museums: augmented reality, learning and audience development*, Form@re, Firenze University Press, ISSN 1825-7321

CAFORIO, A. (2018), *Building quality assurance frameworks for accessibility in education through ICT*, Proceedings of OOFHEC2018: the Online, Open and Flexible Higher Education Conference, ISBN: 978-90-79730-35-3

CAFORIO, A., Garito, M.A. (2018) *Traditional and On-Line Universities, a Partnership for the Present and the Future of Education*, in Exploring the Micro, Meso and Macro - Navigating between dimensions in the digital learning landscape – EDEN Conference 2018 Proceedings, European Distance and E-Learning Network, Budapest, ISBN 978-615-5511-23-3

CAFORIO, A. (2018), *Accessibility challenges in Higher and Professional Education* in Ubachs, G., Konings, L. (eds) *The Envisioning Report for Empowering Universities - 2nd edition - European Association of Distance Teaching Universities (EADTU)* ISBN/EAN: 978-90-79730-31-5,

CAFORIO, A. and Cerniglia, L. (eds.) (2018), *Vocational Training for ADHD Learners - Compendium of Good Practices*, Sofia University Press, Sofia - Bulgaria, ISBN: 978-954-07-4510-7

CAFORIO, A. (2017), *Data science and instructional design: possible applications of educational data mining*, in Ubachs, G., Konings, L. (Eds), *The Envisioning Report for Empowering Universities - 1st edition 2017*, EADTU 2017

CAFORIO, A. (2016), *Digital Education and Open Innovation: UNINETTUNO "Be Digital" case*, in Ubachs, G., Konings, L. (Eds), *Enhancing European Higher Education "Opportunities and impact of new modes of teaching"*, EADTU 2016, ISBN: 978-90-7973025-4

CAFORIO, A. et al. (2016), *Innovation and Social Learning in Higher Education Institution - Handbook*, Coordinated by: José António Porfírio, Universidade Aberta, Portugal; Mariana Martins, APS – Associação Portuguesa de Surdos, Portugal; Graça Gerardo, Associação dos Cegos e Amblíopes de Portugal, Portugal; Universidade Aberta Press, Lisboa, ISBN: 978-972-674-779-6

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Caforio, A. (2016) *UNINETTUNO and the MOOCs, Origins, results and new perspectives*, in MOOCs in Europe - "WOW! Europe Embraces MOOCs" Conference Proceedings, EADTU, Maastricht, ISBN 978-90-79730-19-3

CAFORIO, A. (2015) "Laboratorio Collaborativo di Psicotecnologie: un'esperienza concreta di apprendimento collaborativo attraverso Wiki" (*Psychotechnologies Collaborative Lab: a concrete experience of collaborative learning through Wiki*); in Rui, M., Messina, L., Minerva T. (eds.), Teach Different! Proceedings della Multiconferenza EMEMITALIA2015, Genova: Genova University Press, ISBN: 978-88-97752-60-8

CAFORIO, A., Garito, M.A. (2014) *Alliances for Knowledge: MOOCs for a new model of University (negative and positive aspects)*, in EDULEARN14 Proceedings; 6th International Conference on Education and New Learning Technologies, Barcelona, Spain. 7-9 July, 2014.; IATED, Valencia; ISBN: 978-84-617-0557-3 / ISSN: 2340-1117;

Assante, D., CAFORIO, A., Sepe, R. (2013) *The REINPO-RETAIL Project: reinforcing the retail sector through a virtual community*, 5th International Conference on Applied Economics, Business and Development (AEBD '13), Chania, 27-29 August 2013, ISBN: 978-960-474-324-7

CAFORIO, A., Garito, M.A., Sepe, R. (2012), *Video Conferencing and Virtual Classroom as Tools for Tutoring Online*, in Video Conference as a tool for Higher Education : The TEMPUS VICES experience, Firenze University Press, 2012, ISBN: 9788866551089.

Assante, D., CAFORIO, A., Sepe, R. (2012) *University-external world organizational interfaces and knowledge transfer models: the case of the International Telematic University UNINETTUNO and Telecom Italia*, Proceedings of the EADTU Annual Conference 2012, Paphos, Cyprus, 27-28 September 2012, ISBN 978-90-79730-12-4.

AA.VV. (co-author) (2010), *Reviewing the Virtual Campus Phenomenon*, EuroPace IVZW, 2010, ISBN 978908114803

LANGUAGES

Italian: mother tongue | English: fluent | Spanish, French: able to read

TECHNICAL SKILLS

- User requirement analysis, UX design, scenarios and personas;
- Online live/on demand video streaming / collaboration system design;
- Social media / 2.0 collaborative tools analysis, integration and implementation
- SEO / SEM: management and data analysis;
- Technologies:
 - (X)HTML, CSS, Javascript coding;
 - Office Automation (Word processing, Spreadsheet, Presentation design);
 - IBM Watson Chatbot design environment;
 - Wireframing (Balsamiq, Axure)
 - Web/Graphic design;
 - Audio/video online streaming (encoding, service, cloud services);
 - Good knowledge of PHP, Python, Ajax;
 - Good knowledge of SASS, Bootstrap, Foundation framework;
 - Basic knowledge of MsSQL, MySQL, and NoSQL (MongoDB, Cassandra);