

Curriculum vitae

PERSONAL INFORMATION

Oscar Arturo Mayora Ibarra

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WORK EXPERIENCE

- 01/01/2021- Present Head of FBK Digital Health Research Unit
- 01/01/2017–31/12/2020 Responsible of EU Research and Innovation Projects and EU Networking at FBK, Health and Wellbeing High Impact Initiative
- 01/02/2022–Present Adjunct Professor
University of Verona, (Italy)
- 01/09/2017–Present Adjunct Professor
FH Burgenland University of Applied Sciences, (Austria)
- 01/09/2010–Present Adjunct Professor
University of Trento, Trento (Italy)
- 01/11/2004–31/12/2016 Ubiquitous Health Area Head
CREATE-NET, Trento (Italy)
- 01/09/2000–31/09/2004 Associate Professor & Head of Graduate Program in Computer Science
Tecnologico de Monterrey, (Mexico)
- 01/08/1999–31/08/2000 Visiting Research Scientist
VTT Electronics, Oulu (Finland)

EDUCATION AND TRAINING

- 01/09/1996–31/03/1999 PhD in Computer Science (Topic: Automatic Classification of Speech with Artificial Neural Networks)
DIBE, University of Genova, Genova (Italy)
- 01/01/1992–31/12/1994 M.Sc. in Computer Science (Topic: Predictive Algorithms with Holographic Associative Memories)
Tecnologico de Monterrey, (Mexico)
- 01/09/1986–31/05/1991 Bachelor in Electronics and Telecommunications
Tecnologico de Monterrey, (Mexico)

PROFESSIONAL ACTIVITIES

Latest International Networks

- Member of WHO COVID-19 Italy Vulnerabilities Network (CIV-N) (2020-2022)
- European Innovation Partnership on Active and Healthy Ageing EIP-AHA – Scientific Responsible for Trentino Reference Site /(2017- ongoing)

Attracted Funding and Projects

- Project Coordinator of 6 EU Projects since 2006
- PI in over 20 EU Projects since 2000
- Attracted Funding over 10ME in the past 7 years

Scientific Societies and Boards

- International Pervasive Health Conference (Founder, Steering Committee Member and Community Leader)
- IEEE Infocommunications Journal Member of Editorial Board
- ACM SIGCHI Senior Member
- ACM SIGCHI Mexico (Former President)
- EAI Fellow
- Member of Mexican Society of Computer Science
- Evaluator and Reviewer in EC FP7 and H2020 Programs
- Evaluator and Reviewer for La Caixa, Spain
- Evaluator and Reviewer for Swiss National Science Foundation
- Evaluator and Reviewer for CONACYT, Mexico

Directed Post Graduate Work

- Andrei Popleteev (PhD advisor - now Research Fellow at University of Luxembourg)
- PhD thesis title: "Indoor positioning using FM radio signals"
- Aleksandar Matic (now R&D Director at Koa Health and former Head of Research at Telefonica Research and Development, Alpha)
- PhD thesis title: "Sensing Social Interactions Using Non-Visual and Non-Auditory Mobile Sources"
- Alban Maxhuni (now post-doc at Technical University of Denmark)
- PhD Thesis title: "Managing the Scarcity of Monitoring Data through Machine Learning in Healthcare Domain"
- Alexandr Talitsky (visiting - now at Univ. Arizona)
- MSc Thesis title: "Data-Driven Parkinson's Disease analysis based on hand-written and sensor data"

Selected PhD Thesis Committee Invitations

- Vicent Blanes Selva, Universidad Politécnica de Valencia (2022)
-PhD Thesis title: "Clinical Decision Support Systems for Palliative Care Referral: Design and Evaluation of Frailty and Mortality"
- Antonio Aguilera, ITESM, Mexico (2020)
-PhD Thesis title: "Predicting the best sensor fusion method for recognizing human activity using a machine learning approach based on a statistical signature meta-data set and its generalization to other domains"
- Allan Berrocal, University of Geneva, Switzerland (2020)
- PhD thesis title: "Peer-derived Momentary Assessment Empirical Examination of a peer supported sensing method to augment personal sensing in human computer interaction"
- Wendy Araceli Sanchez Gomez, CENIDET, Mexico (2019)
- PhD thesis title: "Correlation Between Loneliness and the Activity of Older Adults Measured Through Smartphones Sensing"
- Kamini Garg, Università della Svizzera Italiana, Switzerland (2015)
- PhD thesis title: "A Generalized Model and Framework for Performance Prediction"

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of Data Dissemination”

- Jose Carlos Carrasco Jimenez, Mexico (2015)
- PhD Thesis title: ” Social Network Elicitation from Physical Clues
- Enrique Garcia Ceja, ITESM, Mexico (2013)
- PhD Thesis title: ”Detecting stress levels in working environments through analysis of smartphone data”

Academic and Research Awards

Awarded as SNI (Sistema Nacional de Investigadores) Member of the Mexican National Research Council - SNI level 1 (since 2003 and renewed several times)

Augmented Human 2014 Conference, Tokyo, Japan: Honorable Mention Paper Award.

Banco Nacional de México (Banamex) Award - Evolution over Internet: First Prize Award
Project Title: "Device Independent Interfaces for Banking Services"

Best Paper Award. Applied Voice I/O Society 2001 Conference:, San Jose CA.,April 2001.
Paper Title: "Graphical and Speech-driven User Interface Generation from a single Source Format."

Fellowship for 18 month post-graduate stage at VTT, Finland.(2000)
Funded by ERCIM (European Research Consortium for Informatics and Mathematics)

Scholarship for 4 years doctoral degree studies. (1996 – 2000)
Funded by Mexican Government - CONACYT

Scholarship for 2 years master degree studies. (1993-1994)
Funded by Mexican Government - CONACYT

PERSONAL SKILLS

Mother tongue(s) Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Italian	C2	C2	C2	C2	C1

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

Communication skills

Excellent communication and networking skills through my 20-year participation in networking activities at International level.

Organisational / managerial skills

Proven experience in organisational and managerial skills through over 20 years of experience as Research Area Leader, Organizer of International Scientific Events, Project Coordinator and Principal Investigator in European Projects
(<https://www.linkedin.com/in/oscardmayora/>).

Job-related skills

Excellent abilities in managing International, multi-disciplinary working teams