

PROF. CATERINA RIZZI

CURRENT POSITION

Full professor (since 2001) at the Department of Management, Information and Production Engineering, Università di Bergamo.

ACADEMIC POSITIONS

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| 2001- | Full Professor, Engineering Campus, Università di Bergamo. |
| 1995-2001 | Associate professor, Faculty of Engineering, Università di Parma. |
| 1992-1995 | Associate professor, Faculty of Engineering, Università di Napoli Federico II. |

PREVIOUS POSITIONS

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| 20 Dec 1989- 30 Oct 1992 | Researcher of the coordination board of the targeted project on robotics of CNR (National Research Council). |
| Dec 1987 – Nov 1988 | Italcad Tecnologie e Sistemi's scholarship at CNR (National Research Council) – IMU (Institute for industrial automation). |
| 15 Nov 1986 – 14 Nov 1987 | Italcad- Selenia Autotrol's scholarship at Politecnico di Milano, Department of Mechanical Engineering. |
| 15 Nov 1985-14 Nov 1986 | Fellow at Politecnico di Milano, Department of Mechanical Engineering. |

RESEARCH

She has been carrying out research activities since 1985 on methodologies and technologies to support the product development process in various industrial contexts (e.g. mechanical, automotive, textile-clothing and healthcare), such as, for example, solid and surface modelling, human-machine interaction, 3D CAD systems for the automotive sector, tools for product and process simulation, knowledge-based systems for the automatic configuration of mechanical systems, methodologies for the re-engineering of product development processes (BPR) and methods and tools for the systematic innovation of products and processes.

At present, she chairs a multidisciplinary research group, named Virtualization & Knowledge-V&K Group consisting of 20 people, including full and associate professors, assistant professors, PhD students, and research fellows.

Research activities have been conducted within the framework of industrial research projects funded by the European Community, as well as national (MIUR and MISE) and regional initiatives, along with industry contracts focused on product and process development.

She promoted several research areas, and her main interests currently cover the following topics:

- Virtual Prototyping and Extended Reality.
- Methods and tools for product and process ergonomics (physical and cognitive).
- Acquisition and modelling techniques of the human body and motion analysis.
- Design and simulation of custom/patient-based devices in the medical field.
- Human and Patient Digital Twin.
- Novel solutions for motor and neurocognitive rehabilitation.
- Telemedicine and Telerehabilitation.
- Sustainable design.

The results of the research activities are documented by more than 300 publications (+155 SCOPUS indexed) in journals and conference proceedings mainly at international level. She has co-edited a book published by Springer, published 3 chapters in Springer books, and one published in the ASME ACIER Series. For the full list please see the enclosed file.

Founder and co-owner of BiGFLO spin-off whose aim is to develop software solutions to support companies during product and process innovation (2012-present).

AWARDS & HONORS

Best Paper Award:

- Comotti C., Regazzoni D., Rizzi C., Vitali A. (2016). Optimization Method for Additive Manufacturing: an Application in the Medical Field. In Proceedings of International Conference on Innovative Design and Manufacturing, ICIDM 2016, January 24-26, 2016, Auckland, New Zealand, USA.
- Carulli M., Vitali A., Caruso G., Bordegoni M., Rizzi C., Cugini U. (2017). ICT technology for innovating the garment design process in fashion industry. In Proceedings of ICORD 2017, January 9-11, 2017, Guwahati, India.

KM Award: Best presentation at the 19th Workshop on “Infrastructure and application to manage and disseminate organizational knowledge”, Milan, Italy, 16 October 2014.

Innovact Prize: The project "Virtual Socket Design - VK Group, University of Bergamo" won the 3rd Prize (among 120 participants) at the Innovact - The European Forum for Innovative Start-Ups, Chambre de Commerce et d'Industrie de Reims et d'Eprenay, March 2013.

PARTICIPATION AND COORDINATION OF RESEARCH PROJECTS

She has participated in numerous research projects on competitive regional (Lombardy and Tuscany regions), national (MIUR and MISE) and European calls for tenders, acting as researcher, local research unit coordinator and project coordinator.

REGIONAL PROJECTS

- **SLIM (Smart Living in Manufacturing)**, funded by Lombardy Region under the regional law n° 9/2020, resolution n° 3776/2020”, **Coordinator**, 2021-2024 (2.6 M€).
- Project “Call Hub Ricerca e Innovazione” **WATCHMAN** - Workload-reduction machine vision-based Technology Hub for MANufacturing (Resp. Fabio Previdi), **referent and coordinator of V&K research group**, 2020-2022, funded by Lombardy Region.
- Project POR FESR 2014- 2020 **TELECOVID** - Platform for Tele-Monitoring with Remote Bio-sensors and Tele-Consultation for COVID-19 and chronically patients (Resp. Andrea Remuzzi), **referent of V&K Research Group**, 2020 (6 months), funded by Lombardy Region.
- MIRATO Project: Support for patients discharged after hospitalisation of SARS-CoV-2 coronavirus infection and comorbidities, as **scientific co-responsible** for the University of Bergamo, 2020-2021, funded by Lombardy Region.
- **Project POR FESR 2014-2020 IMPROVES** - Product and process integration for the realization of electric motors for road vehicles (Resp. Paolo Righettini) as **referent of V&K Research Group**, 2017-2019, funded by Lombardy Region-
- **Smart Cities and Communities Project: Smart Break** - SMART Bialetti Restoration Adaptive Kit, as **referent of V&K Research Group** 2014-2015, funded by Lombardy Region.
- **Project I4BIO3** (Innovation for Bioengineering) funded by Fondazione CARIPOLO from March 2012 to February 2013 as **Coordinator**.
- **Project "Development of methods and Techniques for Intellectual Property Management to enhance the competitiveness of SMEs in Bergamo District"** funded by Bergamo Chamber of Commerce and Lombardy Region from July 2009 to June 2011 as **Coordinator**.
- **Projects I4BIO-I4BIO2** (Innovation for Bioengineering) funded by Fondazione CARIPOLO from September 2009 to April 2011 as **Coordinator**. Eleven young researchers participated to the projects in the field Tissue Engineering, 3D Imaging, Lower limb prosthesis and Intellectual Property Management.

NATIONAL PROJECTS

She participated and coordinated research activities within the frame of the following National projects funded by CNR (National Research Council), Italian Ministry of Universities and Research (MUR), and the Ministry of Economic Development (MISE):

- **ANTHEM** Project: “AdvaNced Technologies for Human-centEred” funded by the Ministry of Universities and Research under the Complementary National Plan (PNC) from December 2022-November 2026 as **Coordinator of Pilot 2.1** (Spoke 2) - Connecting patients and therapists through adaptive environments

- and intelligent sensors to enhance proximity medicine.
- **BODY-SCAN** Project (Industria 2015 programme) funded by the Ministry of Economic Development from April 2014 to December 2015 as **Coordinator** of University of Bergamo Research Unit.
- **Project “Production of refrigerated display cabinet low environmental impact refrigerants”** (Industria 2015 programme) funded by the Ministry of Economic from May 2011 to April 2014, Coordinator EPTA engineering and participation as **sub-contractor**.
- **National Leonardo Project IN-OLTRE4** (LLP-LdV-PLM-10-IT-153), from June 2010 to May 2012 as **Coordinator** and in collaboration with Politecnico di Milano, University of Padua and Florence and 5 companies from 4 European countries to promote young graduate mobility in a European context on advanced methodologies and IT tools for product development processes.
- **MIUR-PRIN2005 DESPRO** (DESIGN PROsthesis) – “Integration of Innovative Methodologies to design and Develop Custom-fit Products: Application and validation for a Socket of a Lower Limb Prosthesis” from 31 January 2006 to 30 January 2008 - **National Coordinator**.
- **Project ID 307627 “TRIZ and Systematic Innovation for SMEs”** funded by Lombardy Region and coordinated by Politecnico Innovazione, Milan, from March 2006 to October 2006.
- **MIUR-PRIN2002 VI-CLOTH (Virtual CLOTHing)** (www.kaermart.it/vi-cloth) from 15 November 2003 to 14 November 2005 – **National Coordinator**.
- **National Leonardo Projects IN-OLTRE** (N. I/047°/PL/154393-SU), **IN-OLTRE2** (N. I/06/A/PL/154425-SU) and **IN-OLTRE3** (N. LLP-LdV-PLM-08-IT-249) from October 2004 to May 2008 as **Coordinator** and in collaboration with Polytechnic of Milan, University of Padua and 6 companies from 5 European countries to promote students mobility in an European context through stages at European companies on advanced methodologies and IT tools for product development processes.
- **TA2000 - PNR Tessile/Abbigliamento**, National Research Programme on Textile and Clothing funded by Italian Research Ministry for the development of 3D interactive environment to design base garment from September 1997 to February 2001 – **Researcher and Local Scientific Responsible**, Department of Industrial Engineering, University of Parma.
- **Project of the National Research programme in Antarctica** “Development of a tele-operated robotic system to acquire environmental data: design and simulation” from 1995 to 1998 - **Researcher**, Department of Industrial Engineering, University of Parma.
- **National Research Project – ex- 40% “Methods knowledge-based for product design”** from 1993 to 1996 – **Researcher**, University Federico II of Naples and University of Parma.
- **National Project P.F. RAISA:** “Computer Science and Robotics for dairy farm: design and development of a milking robot from February 1991 to January 1994 – **Researcher**, Computer Science and Biomathematics Institute, University of Parma (Resp. Prof. F. Grasselli).

INTERNATIONAL PROJECTS

Research activities have been carried out within the frame of the following UE projects:

- **FP6 IP “CUSTOM-FIT”** from September 2004 to March 2009 as External Collaborator of Polytechnic of Milan, **partner of the project**.
- Leonardo Pilot Project “PANEUROPEAN I-TECH CHALLENGE” from March 2002 to December 2003.
- **BRITE/EURAM project n. BE 4259 DMU-FS - “Digital Mock-Up – Functional Simulation”** from June 1997 to May 2011 - **Researcher and Technical Responsible**, Department of Industrial Engineering, University of Parma.
- **BRITE/EURAM project n. BE96-3542 “MASCOT - 3D-Garment Design and Simulation”** from March 1997 to 31 May 2001 - **Researcher and Technical Responsible**, Department of Industrial Engineering, University of Parma.
- **Concerted Action FAIR CT-97-1998 MACA** – “Meat Automation Concerted Action” – **Representative** of the University of Parma. She has been also the Coordinator of the working group “Grasping and Manipulation” and MEMBER of the Steering Committee.
- **ESPRIT III project n. 6061 INTERACTORS** (High level multimedia user interface INTERACTORS for real-time industrial applications) from May 1992 to April 1995 - **Researcher**, Department of Industrial Engineering, University of Parma.
- **BRITE/EURAM II project n. BE 4259 NORMAH** “Research on Automatic Handling techniques for non-rigid materials based on their property” from September 1991 to August 1994, **Researcher**, Department of Industrial Engineering, University of Parma.
- **ESPRIT II project n.5391 - HYPERFACE** (A HYPERmedial user interFACE management system for industrial applications) from October 1990 to November 1992 - **Researcher and Technical Responsible**,

IMU-CNR.

- **ESPRIT I Project n.1556 – VITAMIN** (Visualization sTANDARD tools for Manufacturing INdustry), from December 1986 to December 1989 - **Researcher** Department of Mechanics, Polytechnic of Milan.

TEACHING

COURSES

She has been involved in higher education for several years, teaching several courses for the Bachelor and Master programs in Mechanical, Management, and Information Engineering, as follows:

University of Bergamo

AY 2017-18 present	Human Modeling , School of Medicine and Surgery, Università di Milano Bicocca and Università di Bergamo
AY 2002-03- present	Technical drawing , B.Sc., School of Engineering (Mechanical Engineering)
AY 2004-05 present	Methods and Tools for Product Life Cycle management , School of Engineering (Mechanical Eng., Management Eng. and Information Eng.)
AY 2004-05 AY 2010-11	Virtual Prototyping , M.Sc., Faculty of Engineering (Mechanical Engineering, Information Engineering)
AY 2002-03 AY 2008-09	Modelling and simulation of product development processes , M.Sc., Faculty of Engineering (Mechanical Engineering)
AY 2001-02 AY 2003-04	Virtual prototyping of products and processes , M.Sc., Faculty of Engineering (Mechanical Eng. and Management Eng.), Università di Bergamo
AY 2002-03 AY 2006-07	Technical drawing , B.Sc., Faculty of Engineering (Textile Engineering)

University of Parma

AY 2003-04 AY 2004-05	Image processing for Design , B.Sc., Faculty of Architecture (Industrial Design)
AY 1995-96 AY 2001-02	Computer Aided Design , M.Sc., Faculty of Engineering (Mechanical Engineering)
AY 1993-94 AY 2001-02	Computer Aided Design , B.Sc., Faculty of Engineering (Mechanical Engineering)

University of Ancona

AY 1996-97 AY 1998-99	Technical drawing , B.Sc., Faculty of Engineering (Mechanical Engineering)
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University of Naples Federico II

AA 1992-93 AA 1994-95	Technical drawings , B.Sc., Faculty of Engineering (Chemical Engineering)
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At University of Bergamo, she has designed and/or contributed to the development of innovative Bachelor, Master and PhD programs, such as the B.Sc. in Engineering Technology for Health, the M.Sc. in Engineering and Management for Health, and PhD in Health and Longevity. These programs aim to train professionals capable of managing and advancing the use of emerging technologies in medical science fostering “open-minded” engineers with strong analytical skills and a multidisciplinary approach to problem-solving in health and well-being, bridging the gap between Engineering and Medicine. In a complementary manner, she contributed to the development of a novel M.Sc. program in Medicine and Surgery, designed to train “open-minded” physicians who can recognize the potential of technological advancements and adopt an interdisciplinary approach which conjugates medicine with cutting-edge technology to foster innovation in healthcare.

B.SC., M.SC. AND PHD STUDENTS' SUPERVISION

She served as **supervisor or co-supervisor for over 90 Bachelor's, Master's, and Postgraduate theses** at the University of Parma and the University of Bergamo. Most theses were developed within programs in Mechanical

Engineering, Management Engineering, and Computer Science. More recently, also supervised theses in Health Technology Engineering, following the activation of new undergraduate programs.

Thesis projects involved both applied research in collaboration with national and international companies (e.g., Adidas – Germany, Praxair – USA) and academic research conducted in university laboratories or in partnership with other institutions (e.g., Politecnico di Milano).

The main topics of the theses have included: Product Development Methodologies, Virtual Prototyping, Modeling and Simulation of Deformable Products, Product Development Process Simulation, Virtual Reality, Digital Human Modeling, Virtual Ergonomics, Product Data Management, and Systematic Innovation.

She is and has been **supervisor/tutor of more than 10 PhD students**, three of whom are now professors or researchers, while others are currently employed in companies across various sectors – from mechanical to medical – or in hospitals.

SERVICES

DEPARTMENT/UNIVERSITY SERVICE (2005-TODAY)

March 2021-June 2024	Responsible of the Smart Living in Manufacturing (SLIM) Laboratory , funded by Lombardy Region (Italy), regional law n° 9/2020, resolution n° 3776/2020 (2.6 M€).
2020-2024	Member and Deputy Director of the Engineering Laboratory Board.
Sept 2014-Sept 2020	Head of the Department of Management, Information and Production, University of Bergamo
Feb 2017-present	Member of the Management Board of the International Medical School, University of Bergamo, Università di Milano Bicocca and University of Surrey, UK.
Sept 2016-Sept 2021	Member of the Technology Transfer Board at University of Bergamo.
Oct 2015-Sept 2021	Elected Member of the Academic Senate of the University of Bergamo.
Feb 2015-Sept 2020	Member of the Management Board of the School of Engineering , University of Bergamo.
Sept 2012- Aug 2014	Deputy head of the Engineering Department.
2008-2014	Director of the COGES (Centre for Innovation and Knowledge Management) Centre.
2006-2015	Chair of Patent and Technology Transfer Board at University of Bergamo.
2005-2009	Rector's Delegate for Research at University of Bergamo.
2005-2009	Appointed Member of the University International Relations Committee by the Faculty of Engineering.
2002–2005	Member of the Executive Board of the Department of Industrial Engineering, University of Bergamo.

NATIONAL SERVICES

April 2024-present	Appointed by Italian Ministry of University and Research as President of the Evaluation Committee for new student housing or residences for higher education institutions, Mission 4 “Education and Research”, Part 1 ‘Enhancing the supply of education services: from nurseries to universities’, Reform 1.7 ‘Student housing and reform of student accommodation legislation’ of the National Recovery and Resilience Plan (NRRP).
July 2023-Sept 2023	Appointed by Italian Ministry of University and Research as President of the Evaluation Committee for the eligibility assessment of new student housing or residences for higher education institutions
July 2022- present	President of ADM Association (National Association of Design and Methods for Industrial Engineering)- https://www.associazioneadm.it .
Feb 2018- June 2022	Chairwoman of Scientific Board of the ADM Association (National Association of Design and Methods for Industrial Engineering) - https://www.associazioneadm.it .
2019-2025	Member of the Scientific technical committee FROM Foundation (http://www.asst-pg23.it/section/2109/FROM_Fondazione_per_la_ricerca_ospedale_di_Bergamo), Papa Giovanni XXIII, Hospital.

2018 Appointed by Fondimpresa as **Member of the Evaluation Committee** for training plans submitted under Call 5/2017 by Fondimpresa.

2009 Appointed by the Piedmont Region as reviewer of industrial research projects.

Reviewer of research projects for the Italian Ministry of University and Research (MIUR – PRIN program) and the University of Padua.

Served as **Member and Secretary of the Board** of the *Coordinamento della Meccanica Italiana* (www.coordinamentomeccanica.it), established in 2007.

Served as **President and Founding Member** of the *Apeiron Association* (www.apeiron-triz.org), established in September 2003 by a group of professionals and academics sharing a common interest in methodologies supporting systematic innovation, with a particular focus on TRIZ.

Member of PhD boards

June 2023- present **Coordinator** (April 2023-) of the PhD programme in Health and Longevity jointly founded University of Bergamo and Mario Negri Institute.

June 2017-present **Coordinator (2017–2018) and subsequently Member** of the Academic Board of the TIM (Technology, Innovation and Management) PhD Program, jointly offered by the University of Bergamo and the University of Naples Federico II.

2013-2017 **Member** of the academic board of the PhD programme in Economics and Management of Technology (DREAMT) jointly offered by University of Pavia and University of Bergamo (2013-2017).

2006-2012 **Member** of the Academic Board, PhD programme Doctoral School in Industrial Engineering - Chemical, Materials and Manufacturing Engineering coordinated by University of Padua.

She is and has been Member of various **national and international Boards of Examiner** of PhD students (more than 15).

INTERNATIONAL SERVICES

Member of steering and technical Committees

Nov 2021-present **Member at large** of the Conference Organising Committee for the annual ASME **IMECE conference** from November 2021.

2018-2025 **Member of the Executive Committee** of the ASME **CIE Division** and Division Chair in 2023-2024.

2014-2015 **Chair of the ASME-CIE CAPPD** (Computer Aided Product and Process Development) Technical Committee

Member of the Editorial Board

- CAD&A Journal, Francis & Taylor.
- Journal of Computational Design and Engineering (JCDE), Elsevier.
- Frontiers in Mechanical Engineering.

Associate Editor

- She was Journal of Computing and Information Science in Engineering, ASME

Member of research/educational project evaluation boards

- Appointed by the European Commission as evaluator of project proposals in FP7-PEOPLE-2009, FP7-PEOPLE-2010, FP7-PEOPLE-2011, FP7-PEOPLE-2012, FP7-PEOPLE-2013 Marie Curie Actions Calls.
- Appointed by Ministry of Education, Youth and Sports – EU Operational Programme Management Section, Czech Republic as evaluator project proposals (2010)
- Appointed by European Commission as an independent expert for monitoring FP7-ICT SMART VORTEX project (2011-2014).
- Appointed by the European Commission as evaluator of project proposals in Horizon 2020 MSCA Calls.
- Appointed by the European Commission as evaluator of project proposals in Horizon 2020 Robotics for the and AI, DT-ICT-12-2020: AI for the smart hospital of the future.

Conference organizations and Participation to Program Committees (2010 – Present)

- **Conference Chair and/or Organizer**
 - TRIZ Future Conference 2010, Bergamo, 3-5 November 2010.
 - International CAD Conference and Exhibition 2013, Bergamo, 17-20 June 2013.
 - International Conference on Innovative Design and Manufacturing (ICIDM), July 17-19, 2017, Milan, Italy (co-chair).
 - ADM 2019 International Conference, Modena, Italy, September 9-10, 2019.
 - ADM 2021 International Conference – Rome (IT), 9-10 September 2021.
 - IMECE Conference from 2021-2026 as member at large of the Conference Organizing Committee.
 - ASME CIE 2023 Conference – Boston (MA-USA) 20-23 August 2023.
 - ASME IDETC-CIE 2024 Conference – Washington DC (USA) 25-28 August 2024.
- **Program Chair of:**
 - 12th ACM SIGGRAPH Virtual Reality Continuum and Its Applications in Industry, Hong Kong, November 17-19, 2013.
 - 2014 International Conference on Innovative Design and Manufacturing (ICIDM), Montreal, 13-15 August 2014.
 - Program Chair of 2022 ASME CIE Conference, St. Louis (Missouri-USA), 15-17 August 2022.
- **Co-Organizer** of the CIE Engineering Applications of Brain Science & Human Models Symposium at ASME/IDETC CIE 2012, Chicago, 12-15 August 2012
- **Organizer or Co-Organiser of sessions**
 - CIE CAPPD: Digital Human Modeling for Engineering Application Symposium at **ASME/IDETC CIE 2013**, Portland, 4-7 August 2013.
 - CIE CAPPD/AMS: Human Modeling: Methods and Applications in Engineering Symposium at **ASME/IDETC CIE 2015**, Boston, 2-5 August 2015 and at **ASME/IDETC CIE 2016**, Charlotte, 22-24 August 2016.
 - CIE CAPPD General Symposium at **ASME/IDETC CIE 2015**, Boston, 2-5 August 2015, **ASME/IDETC CIE 2016**, Charlotte, 22-24 August 2016, **ASME/IDETC CIE 2017**, Cleveland, August 2017 and **ASME/IDETC CIE 2018**, Quebec City, Canada, August 2018.
 - CIE CAPPD: Human Modeling: Methods and Applications in Engineering Symposium at **ASME/IDETC CIE 2017**, Cleveland, August 2017, **ASME/IDETC CIE 2018**, Quebec City, Canada, August 2018, and **ASME/IDETC CIE 2019**, Anaheim, USA, August 2019.
- **Co-organiser of Track:** Systems, Design and Complexity at **ASME IMECE** 2017, Tampa Bay-USA, November 2017 and ASME IMECE 2019 Salt Lake City -USA, November 2019.
- **Member of International Program Committee**
 - ISC - Industrial Simulation Conferences – Track: Simulation in Industrial Design and product design, since 2008.
 - TMCE 2010, April 2010, Ancona, Italy.
 - ICoRD '19, 9-11 January 2019, Bangalore, India.
 - SDM 2019, 6th International Conference on Sustainable Design and Manufacturing, 4-5 July 2019, Budapest, Hungary.
- **Member of International Organizing Committee – Europe**, CAD & Exhibition Conference, since 2014.
- **Member of the Program Board** of the International Conferences on Digital Human Modeling and Applications in Health, Safety, Ergonomics and Risk Management, HCI International, since 2015.
- **Member of the International Scientific Committee**
 - ICED 2015, Milan, 27-30 July, 2015.
 - MTD (Meaningful Design Technology, Guimaraes (Portugal) 20-21 July, 2017
- **Member of Advisory Board**
 - 8th IPSS CONFERENCE Product-Service Systems across Life Cycle, 20-21 June 2016, Bergamo (Italy)

- 7th International Conference on Design Computing and Cognition (DCC'16) 27-29 June 2016, Northwestern University, Evanston (Chicago), USA.
 - 8th International Conference on Design Computing and Cognition (DCC'18) 2–4 July 2018, Polytechnic di Milano, Lecco, Italy.
 - 9th International Conference on Design Computing and Cognition (DCC'20) 29 June – 1 July 2020, Georgia Institute of Technology, Atlanta, USA.
- **Keynote speaker**
- ICE Conference 2014, Bergamo, June 23-25 2014.
 - CAD 15 Conference, London, 22-25 June, 2015.
 - 29th James H. Belfer Memorial Symposium – Design and Manufacturing in the Industry 4.0 Era, 29 May 2018, Technion – Israel Institute of Technology, Haifa, Israel. Keynote lecture “The virtual human in the digital industry”.
- **Invited Talk**
- ICMMA, March 2021, Japan, “Human Modeling in the Digital Factory”.
 - Human System Interaction WG – International Event 2020 (Virtual), 27-29 October 2020, Israel, “Virtualization of the Humans in the Digital Factory”.
 - HCI 2015, Los Angeles, 2-7 August 2015 “Ergonomic Assessments using Advanced Virtual Prototyping Technique” in the 6th International Conference on Digital Human Modeling and applications in Health, Safety, Ergonomics and Risk Management, Los Angeles.
 - ADCP 2015 Workshop, Hangzhou (China), 18-20 September 2015-10-08.
 - Plenary talk 2014 International Conference on Innovative Design and Manufacturing, Montreal, Canada, August 13-15, 2014.
 - ASME IDETC/CIE 2014, Buffalo (USA) 17-20 August 2014, VES Panel, Low cost Motion Capture Systems for industrial and medical applications.

REVIEW SERVICE (2010 – PRESENT)

- **Reviewer of articles for scientific journals**, such as CAD, Computer Aided Design & Applications, Applied Ontology, Co-Design, JRRD (Journal of Rehabilitation Research and Development), IEEE-Transactions on Biomedical Engineering, IEEE Transactions on Automation Science and Engineering, International Journal of Product Development, European Journal of Social Sciences, International Journal of Management and Decision Making, IJCAT, Journal of Intelligent Manufacturing, IJIDeM, Journal of Manufacturing Systems, CIRP Journal of Manufacturing Science and Technology and Computers in Industry.
- papers reviews for TRIZ Future Conference, since 2006
- papers review for ASME-IDETC, since 2008
- papers review for ASME/IMECE, 2010, 2015- 2022
- papers review for Virtual Concept, 2010
- papers review for CAD&A, 2010, 2011, 2015- 2022
- papers review for ICED, 2013, 2015, 2018, 2019
- papers review for HCI International, 2014- 2017
- papers review for VRCAI, 2015
- papers review for TMCE, 2016
- papers review for ICDIM, 2016, 2017, 2019, 2021, 2023 and 2025

OTHERS

Member, ASME: MEMBERSHIP #: 100135965

Dalmine, January 7, 2026