



Global Joint Conference on Industrial Engineering and Its Application Areas 2019

Hosted by Eastern Mediterranean University

INDUSTRIAL ENGINEERING IN THE DIGITAL DISRUPTION ERA

September 02—03, 2019

Eastern Mediterranean University
Gazimagusa, TRNC

GJCIE 2019

Digital disruption is a transformation that is triggered by emerging digital technologies and business models. Digital disruption is expanding beyond the technology sector to engulf a diverse set of industries, including construction, energy, finance, healthcare, IT services, manufacturing, and transportation that represent a large portion of the global economy. The escalating digital disruption in these industries will put unprecedented pressure on managers to formulate effective strategies to change organizational structures, and eliminate barriers that are keeping them from taking full advantage of the contemporary digital technologies. For this to be achieved, companies will need to improve and/or reengineer most of their processes before they are partially or fully automated. This means that Industrial Engineering skills will be the cornerstone for achieving maximum value from investments in automation. The Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE) 2019 will shed light on the role of Industrial Engineering in this endeavor.

The GJCIE 2019 is composed of three co-located conferences: the 4th Global Conference on Industrial Engineering (GCIE), the 5th Global Conference on Healthcare Systems Engineering and Management (GCHSEM), and the 6th Global Conference on Engineering and Technology Management (GCETM). The GGJCIE 2019 will be an internationally renowned forum for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, experiences, and challenges in the field of industrial engineering. It will bring together experts from academia and industry to exchange the latest research results and trends, and their practical applications in the aforementioned areas of industrial engineering. This will be accomplished through the following three modes of communication: keynote presentations, parallel sessions, and poster sessions.

Cyprus is the third biggest island in the Mediterranean and has a special geographical location with its proximity to Europe, Asia and Africa. Eastern Mediterranean University is in Gazimagusa (Famagusta), the second largest city in Turkish Republic of Northern Cyprus (TRNC). It is a town rich in history, culture and art. The 35,000 inhabitants of town welcome students from all over the world. The town offers a wide selection of accommodation, shops, restaurants and cafes to the convenience of students. Gazimagusa is also a city by the coastline and have beautiful Mediterranean beaches. The campus is only 3 km. away from the town center and frequent bus services are available to and from campus. Eastern Mediterranean University has a beautiful campus and offers education in a comfortable, quite and secure environment.

Gazimagusa (Famagusta) is the second largest city in the Turkish Republic of Northern Cyprus (TRNC). It is a town rich in history and culture and bears the marks of civilizations such as the Assyrians, Greeks, Persians, Romans, Byzantines, Lusignans, Venetians, and Ottomans. Those interested in history will enjoy visiting the walled town of Famagusta and hearing about the Ottoman siege of the then Venetian city. The town offers a wide selection of shops, restaurants, pubs and cafes visited by a large student population. Owing to these prominent features of the place, participants will enjoy their stay besides benefiting from the conference.

Who Should Participate

- Educators in engineering and technology management programs
- Educators in healthcare engineering and healthcare systems engineering programs
- Educators in industrial engineering programs
- Engineering and technology management program heads
- Engineering and technology management researchers
- Engineering, manufacturing, and R&D managers
- Engineering, manufacturing, operations, and R&D managers
- Government officials responsible for healthcare programs
- Government officials responsible for industrial engineering related programs
- Government officials responsible for science and technology programs
- Governmental and organizational policy makers
- Healthcare engineering and healthcare systems engineering researchers
- Healthcare systems engineering program heads
- Industrial engineering and R&D managers
- Industrial engineering program heads
- Industrial engineering researchers
- Managers in healthcare organizations
- Managers in industrial and service organizations
- Presidents and chief executive officers
- Presidents and chief executive officers of healthcare organizations
- Project and operations managers
- Project, product, and operations managers
- Students seeking degrees in engineering management, technology management, MBA, and related fields
- Students seeking degrees in healthcare engineering, healthcare systems engineering, MBA, and related fields
- Students seeking degrees in industrial engineering and related fields
- Vice presidents of healthcare organizations
- Vice presidents of corporations

Important Dates

Submission (Full-paper / Abstract) Due for Review

April 26, 2019

Notification of Acceptance

May 03, 2019

Final Version (Full-paper / Abstract) Submission Due

(with changes)

June 07, 2019

Early Registration Deadline

June 07, 2019

Registration Deadline

June 28, 2019



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Topics

Engineering and Technology Management

- Energy Management
- Engineering and Technology Management Education and Training
- Engineering and Technology Management in Developing Countries
- Engineering and Technology Management in Service Industries
- Engineering and Technology Management in Small and Medium Enterprises
- Finance and Risk Management
- Green Technology and Productivity
- Healthcare Systems and Management
- Human Factors
- Human Resources
- Information and Communication Technology Management
- Innovation & Entrepreneurship
- Legal Issues in Engineering and Technology Management
- Managing Emerging Technologies
- New Product Development
- Project Management
- R&D Management
- Science & Technology Policy and Regulations
- Science and Technology Parks
- Strategic Management
- Supply Chain Management and Logistics
- Sustainability and Technology Management
- Technology and Competitiveness
- Technology and Knowledge Management
- Technology Foresight and Forecasting
- Technology Transfer, Marketing, and Commercialization

Healthcare Systems Engineering and Management

- e-Health and m-Health
- Engineering and Technology Management in Healthcare
- Engineering Issues in Healthcare Policy and Regulations
- Financial Management in Healthcare
- Health Communication & Informatics
- Health Economics
- Healthcare Engineering Education & Training
- Healthcare Marketing
- Healthcare Operations Research
- Healthcare Safety, Security, Reliability, and Risk Management
- Human Factors and Ergonomics in Healthcare
- Human Resources Management
- IT and Information Systems Management
- Modeling, Simulation, and Optimization
- Quality and Process Improvement in Healthcare
- Supply Chain Management & Logistics

Industrial Engineering

- CAD/CAM
- Concurrent Engineering
- Data Mining and Analytics
- Decision Analysis and Methods
- Energy Management
- Engineering Economy
- Entrepreneurship and Innovation Management
- Ergonomics
- Facilities Planning and Management
- Financial Engineering and Risk Management
- Global Manufacturing and Management
- Human Resources Management
- Industrial Engineering Education
- Industrial Psychology
- Information Processing and Engineering
- Intelligent Systems
- Knowledge Management
- Logistics and Supply Chain Management
- Manufacturing Systems and Technologies
- Operations Research
- Product Lifecycle Management
- Production Systems Design Planning and Control
- Project Management
- Quality Control and Management
- Reliability and Maintenance Engineering
- Service Systems
- Social Media and Communication
- Systems Modeling and Simulation
- University Industry Collaboration
- Work Measurement and Methods Engineering

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Contact

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Submission

Parallel Presentations

Full Papers

Authors are requested to submit a full-paper of up to 13 pages in length, including all figures, tables, and references using the paper template through the GJCIE 2019 website. Papers exceeding the page limit will be rejected without review. Please indicate to which track your submission should be sent for review. In some cases when considering submissions for the parallel presentations, authors should consider whether their material may be more effectively presented in the poster/demonstration sessions. In order to provide a greater opportunity for more people to present at the Conference, each accepted paper should have a different conference registrant. However, co-authors may appear on multiple papers.

Please note that only accepted and presented full-papers will appear in the Lecture Notes in Management and Industrial Engineering by Springer

Abstracts

Authors are requested to submit an abstract using the abstract template through the GJCIE 2019 website. Please indicate to which track your submission should be sent for review. In some cases when considering submissions for the parallel presentations, authors should consider whether their material may be more effectively presented in the poster/demonstration sessions. In order to provide a greater opportunity for more people to present at the Conference, each accepted abstract should have a different conference registrant. However, co-authors may appear on multiple abstracts.

Please note that these abstracts will appear only in the abstract book of the conference which will be available online at the conference website.

Poster/Demonstration Sessions

This session has been especially designed to accommodate the presentation of late-breaking scientific and professional news, work in progress, work which can be more effectively presented via demonstration or when the author feels more comfortable presenting the material in written form or demonstrating it rather than by oral presentation. Authors are requested to submit an abstract by using the abstract template through the GJCIE 2019 website. In order to provide a greater opportunity for more people to present at the Conference, each accepted poster should have a different conference registrant. However, co-authors may appear on multiple posters. Your poster should be Standard A0 size (portrait orientation) 841mm(w) x 1189mm (h). Construct the poster to include the title, the author(s), affiliation(s), and a description of the research, highlighting the major elements that are covered in the paper. You are required to be available by your poster, during the designated time, to discuss the work presented. Kindly note that the conference organizers cannot forward any posters not collected after the conference.

Please note that these abstracts will appear only in the abstract book of the conference which will be available online at the conference website.

Committees

Conference Chair

Fethi CALISIR, Istanbul Technical University, Turkey

Conference Co-Chairs

Orhan KORHAN, Eastern Mediterranean University, TRNC

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