

January 12, 2019

Curriculum Vitae

Steven D. Eppinger

General Motors Leaders for Global Operations Professor
Professor of Management Science and Innovation
Sloan School of Management
Massachusetts Institute of Technology
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URL: <http://web.mit.edu/eppinger/www>

Citations: <http://scholar.google.com/citations?user=ewwakRYAAAAJ>

Education

| <i>Degree</i> | <i>School</i> | <i>Date</i> |
|--------------------------------|---------------|-------------|
| Sc.D. (Mechanical Engineering) | MIT | 9/88 |
| S.M. (Mechanical Engineering) | MIT | 6/84 |
| S.B. (Mechanical Engineering) | MIT | 2/83 |

Principal Fields of Interest

Product Development, Engineering Design, Operations Management, Technology Management, Project Management

History of MIT Appointments

| <i>Rank</i> | <i>Start</i> | <i>End</i> |
|------------------------------------------------------------|--------------|------------|
| Professor of Innovation (by joint appointment) | 7/09 | — |
| Professor of Management Science | 7/01 | — |
| Professor of Engineering Systems (by joint appointment) | 7/99 | 6/16 |
| Associate Professor of Management Science (with tenure) | 7/96 | 6/01 |
| Associate Professor of Management Science (without tenure) | 7/93 | 6/96 |
| Assistant Professor of Management Science | 7/88 | 6/93 |

Other Academic Employment

| <i>Employer</i> | <i>Position</i> | <i>Start</i> | <i>End</i> |
|----------------------------------------|--------------------|--------------|------------|
| Reykjavik University, Iceland | Visiting Professor | 1/12 | 1/15 |
| HEC Paris, France | Visiting Professor | 9/09 | 10/14 |
| University of Iceland, Reykjavik | Visiting Professor | 3/07 | 1/10 |
| SKK University, Seoul, Korea | Visiting Professor | 7/05 | |
| Helsinki University of Tech., Finland | Visiting Professor | 5/00 | 9/00 |
| Lund Institute of Tech., Sweden | Visiting Professor | 11/98 | |
| Chalmers Institute of Tech., Sweden | Visiting Professor | 12/97 | |
| Royal Institute of Tech., Sweden | Visiting Professor | 1/97 | |
| Tampere University of Tech., Finland | Visiting Professor | 5/95 | |
| Helsinki University of Tech., Finland | Visiting Professor | 10/94 | |
| STOA MBA Program, Ercolano, Italy | Instructor | 7/94 | |
| Helsinki Univ. of Technology Euro MBA | Instructor | 5/92 | 5/94 |
| Nanyang Technological Univ., Singapore | Visiting Professor | 8/91 | 9/94 |
| Lowell Institute School, Cambridge | Instructor | 1/86 | 12/86 |

Non-Academic Employment

| Employer | Position | Start | End |
|-----------------------------|------------------------|--------------|------------|
| DaCa Realty Trust | Superintendent | 6/84 | 8/88 |
| TRW Fasteners Division | Manufacturing Engineer | 6/81 | 8/82 |
| Stamford Tool and Die, Inc. | Machinist | 6/80 | 1/81 |
| MIT Dept. of Earth Sciences | Machinist | 2/80 | 12/82 |

Consulting Activities**Current and Ongoing Consulting Engagements**

| Firm | Location | Since |
|------------------------|-----------------|--------------|
| Lutron Electronics Co. | Coopersburg, PA | 10/18 |

Current Advisory Boards

| Firm | Location | Date(s) |
|--------------|-----------------|----------------|
| Lattix, Inc. | Andover, MA | 7/04 — |

Completed Engagements

| Firm | Location | Date(s) |
|-----------------------------------|--------------------|----------------|
| Avatech | Park City, UT | 9/13 – 6/18 |
| Ipsen Bioscience, Inc. | Cambridge, MA | 10/17 – 5/18 |
| Biogen | Cambridge, MA | 12/14 – 4/16 |
| Allen, Allen, Allen & Allen | Richmond, VA | 6/14 – 2/16 |
| BP Exploration and Production Co. | Houston, TX | 11/12 – 8/14 |
| Waters Corp. | Milford, MA | 6/14 |
| Nurun Inc. | Montreal, Canada | 1/13 – 7/13 |
| PTC | Needham, MA | 6/12 |
| Apple, Inc. | Cupertino, CA | 8/11 – 4/12 |
| BP BioFuels | Houston, TX | 5/12 |
| Cabot Corp. | Billerica, MA | 4/12 |
| ANSYS, Inc. | Canonsburg, PA | 12/11 |
| VF Corp. | New York, NY | 9/11 |
| SolidWorks | Concord, MA | 6/11 |
| Plantronics, Inc. | Santa Cruz, CA | 5/10 – 1/11 |
| Becton Dickinson Medical-Surgical | Franklin Lakes, NJ | 2/10 – 6/10 |
| Ambient Devices, Inc. | Cambridge, MA | 1/02 – 4/10 |
| KLA-Tencor | Milpitas, CA | 8/07 |
| PTC | Needham, MA | 1/04 – 7/07 |
| iRobot, Inc. | Burlington, MA | 9/06 |
| ProChain Solutions, Inc. | San Diego, CA | 2/06 |
| Propulsor Technology, Inc. | Arlington, VA | 9/05 |
| Mitsubishi Electric Co. | Nagoya, Japan | 7/05 |
| Integral, Inc./Analysis Group | Cambridge, MA | 10/91 – 6/05 |
| Volvo Powertrain Inc. | Hagerstown, MD | 5/05 |
| NASA | Pasadena, CA | 1/05 |
| BP | Houston, TX | 3/04 |
| Medtronic, Inc. | Minneapolis, MN | 1/04 – 3/04 |
| Nokia Oy | Helsinki, Finland | 10/03 – 10/06 |
| ISI-Dentsu Inc. | Tokyo, Japan | 11/03 |
| Exostar, Inc. | Herndon, VA | 11/03 |
| Axiomatic Design Solutions, Inc. | Boston, MA | 10/03 |
| 3dMaxMedia Inc. | Windermere, FL | 11/99 – 6/02 |

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|------------------------------------------|----------------------|---------------|
| Schlumberger Corp. | Cambridge, UK | 12/01 |
| Global One | Reston, VA | 11/99 – 1/00 |
| TEKES, Finland Technology Centre | Helsinki, Finland | 6/99 – 1/00 |
| Finnish Inst. of Tech Industries (FIMET) | Helsinki, Finland | 8/93 – 1/00 |
| Celsius Corp. | Stockholm, Sweden | 6/99 |
| Fiat Central Research | Torino, Italy | 11/98 – 1/99 |
| Andersen Consulting | St. Charles, IL | 10/98 |
| The Timken Co. | Canton, OH | 11/97 – 2/98 |
| Scania Trucks AB | Södertälje, Sweden | 12/97 |
| Kulicke & Soffa Industries, Inc. | Willow Grove, PA | 5/97 |
| Ford Motor Company | Dearborn, MI | 7/93 – 4/97 |
| IBASC | Princess Anne, MD | 4/96 – 3/97 |
| Product Genesis, Inc. | Cambridge, MA | 10/96 – 12/96 |
| International Business Machines Corp. | Palisades, NY | 4/96 |
| ABB Corporate Research | Vaasa, Finland | 10/94 – 8/95 |
| Benefon Oy | Salo, Finland | 8/95 |
| Saab Military Aircraft | Linköping, Sweden | 8/95 |
| Helkama Cable | Hanko, Finland | 8/95 |
| Xerox Corporation | Washington, DC | 6/95 |
| Nokia Mobile Phones | Salo, Finland | 1/95 |
| Ahlstrom Pyropower | Varkaus, Finland | 10/94 – 1/95 |
| Spectragraphics Corporation | San Diego, CA | 7/94 – 1/95 |
| Valmet Paper Machinery Corp. | Jyväskylä, Finland | 8/93 – 10/94 |
| ABB Industrial Systems Ltd. | Stevenage, England | 6/94 |
| ABB Asea Brown Boveri Ltd. | Zürich, Switzerland | 9/93 – 11/93 |
| Center for Concept Development | Princeton, NJ | 6/92 – 1/93 |
| Charles River Associates, Inc. | Boston, MA | 5/92 |
| Xerox Corporation | Webster, NY | 5/91, 5/92 |
| Eastman Kodak Co. | Rochester, NY | 11/90, 7/91 |
| Edward C. Levy Co. | Dearborn, MI | 12/90 – 2/91 |
| Top Sound, Inc. | Colorado Springs, CO | 9/89 |
| Premise, Inc. | Cambridge, MA | 2/88 – 10/88 |
| Federal Products Corp. | Providence, RI | 6/84 – 4/85 |

MIT Executive Teaching

| <i>Program/Sponsor</i> | <i>Location</i> | <i>Date(s)</i> |
|----------------------------------------|---------------------|----------------|
| Sloan Exec. Ed. CEMEX | MIT | 11/17 — |
| Sloan Exec. Ed. Fannie Mae | MIT | 11/17 — |
| Sloan Exec. Ed. Turk Telekom | MIT | 4/17 — |
| Sloan Exec. Ed. Flex Ops. Mgmt. | MIT | 5/16 — |
| Sloan Exec. Ed. Alfa Tech. Leaders | MIT and Mexico | 10/15 — |
| Sloan Exec. Ed. Systematic Innovation | MIT | 11/13 — |
| Sloan Exec. Ed. Mahidol/SIBA Pgm | MIT | 03/12 — |
| Sloan Exec. Ed. Complex Project Mgmt. | MIT | 9/99 — |
| Sloan Exec. Ed. Accenture Inovation | India | 3/15 – 11/16 |
| Sloan Exec. Ed. Alstom Tech. Leaders | MIT and Switzerland | 5/14 – 7/15 |
| Sloan Exec. Ed. BP Operations Academy | MIT | 6/12 – 7/14 |
| MIT SDM Certificate Program | MIT | 8/01 – 8/13 |
| Sloan Exec. Ed. Product Development | MIT | 6/97 – 10/12 |
| Sloan Exec. Ed. BP Projects Academy | MIT | 6/03 – 3/12 |
| Sloan Exec. Ed. China Mobile Exec. Pgm | MIT | 10/11, 9/12 |
| Sloan Exec. Ed. ACMA Exec. Pgm | MIT and India | 10/08 – 2/11 |
| Sloan Exec. Ed. Boeing China Exec. Pgm | MIT | 12/10 |
| Sloan Exec. Ed. Air Liquide Exec. Pgm | MIT | 10/10 |

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| Sloan Exec. Ed. Rusnano Exec. Pgm | MIT | 4/10 |
| Russian Oil and Gas Industry Pgm | Moscow | 11/09, 10/10 |
| Sloan Exec. Ed. Int'l. Mgmt Pgm | MIT | 6/08, 6/09 |
| Sloan Exec. Ed. Int'l Adv. Mgmt Pgm | MIT | 6/06, 6/07 |
| Sloan Exec. Ed. Mars University | MIT | 4/06 |
| Sloan Exec. Ed. Leading Innov. Enterp. | MIT | 2/05, 3/06 |
| MIT Project Mgmt. for Engineers Course | MIT | 6/96 – 1/00 |
| MIT India Executive Program | MIT | 5/97, 5/98 |
| MIT LFM Industry Leaders Course | MIT | 11/95, 2/98 |
| MIT Mgmt. of R&D Executive Program | MIT | 6/95 |
| MIT Summer Session Course | MIT | 8/94 |
| US Army Missile Command (MICOM) | MIT | 5/94 |
| Central/Eastern European Teachers Prog. | MIT | 7/93 |
| MIP/MIT Executive Program | MIT | 6/91, 6/92 |

Other Executive Teaching

| <i>Program/Sponsor</i> | <i>Location</i> | <i>Date(s)</i> |
|------------------------------------------|-------------------------------|-----------------------|
| US Army R&D Center | Natick, MA | 12/16 |
| Pratt&Whitney Customer Training Ctr. | Farmington, CT | 10/13 |
| Qualcomm, Inc. | San Diego, CA | 12/08 |
| FARO Technologies | Cambridge, MA | 10/07 |
| Intl. Assn. of Product Development | San Diego, CA | 1/06 |
| Nordic Management of Technology Prog. | Boston, MA | 11/92 – 9/02 |
| Royal Complutense Spanish Scholars Pgm | Harvard Univ. | 7/99 – 7/02 |
| Exec. Masters in International Logistics | Georgia Tech, Atlanta | 11/01 |
| ENDREA | Göteborg, Sweden | 10/01 |
| Bose Corporation | Framingham, MA | 3/01 |
| Stockholm School of Econ, Exec MBA | Cambridge, MA | 3/01 |
| United Technologies Advanced Studies Pr. | East Hartford, CT | 10/00 |
| Euroforum | Madrid, Spain | 5/00 |
| Instituto Internacional San Telmo | Sevilla, Spain | 5/99 |
| Management Roundtable | Waltham, MA | 2/97 – 11/98 |
| CERTI Foundation | Florianópolis, Brazil | 9/98 |
| Sonera, Tele Business School | Finland | 12/96 – 5/98 |
| Chalmers Advanced Management Pgm. | Boston, MA | 3/98 |
| IIR Finland | Helsinki, Finland | 12/96, 12/97 |
| Design Management Institute | Amsterdam, Netherlands | 3/97 |
| University of Michigan | Ann Arbor, MI | 8/96, 3/97 |
| International Equipment Company | Needham Heights, MA | 4/96 |
| Unilever General Management Course | Kingston-upon-Thames, England | 3/96 |
| China Educational Tours | Boston, MA | 7/92 |
| Estonian Management Institute | Tallinn, Estonia | 1/91 |

MIT Activities

| <i>Administrative Positions</i> | <i>Start</i> | <i>End</i> |
|------------------------------------------------------------|---------------------|-------------------|
| Co-Director, SDM and IDM Programs | 4/10 | — |
| Deputy Dean, Sloan School of Management | 10/07 | 6/09 |
| Interim Dean, Sloan School of Management | 7/07 | 10/07 |
| Deputy Dean, Sloan School of Management | 7/04 | 6/07 |
| LFM and SDM Programs (Co-Director) | 7/01 | 7/03 |
| Center for Innovation in Product Development (Co-Director) | 6/00 | 1/02 |
| Ford-MIT Collaboration (Program Area Manager) | 5/98 | 9/01 |

| Committees | Start | End |
|---------------------------------------------------------------------|--------------|------------|
| Sloan Executive Education Committee | 9/18 | — |
| Sloan Task Force on Digital Education | 9/18 | — |
| Sloan Global Initiatives Committee | 9/15 | — |
| MIT Endicott House Board of Governors | 7/07 | — |
| Committee on Outside Professional Activities | 9/12 | 6/19 |
| New Engineering Education Transformation Program Committee | 6/16 | 6/17 |
| Committee on MIT's Role in Reducing the Cost of Health Care | 8/14 | 6/15 |
| Corporation Joint Advisory Committee on Institute-Wide Affairs | 7/12 | 6/15 |
| Institute-wide Task Force on the Future of MIT Education | 3/13 | 8/14 |
| Entrepreneurship Minor Committee | 7/12 | 6/14 |
| Engineering Academic Programs Review Committee | 1/14 | 5/14 |
| Sloan Executive Personnel Committee | 9/13 | 5/14 |
| MIT-BP Research Program Committee | 9/11 | 12/13 |
| MIT Endicott House Review Committee (chair) | 3/13 | 10/13 |
| Sloan Fellows and EMBA Programs Committee | 8/12 | 7/13 |
| Sloan Undergraduate Education Task Force | 10/12 | 5/13 |
| MITx Steering Group | 5/12 | 1/13 |
| Ad Hoc Committee on Innovation and Entrepreneurship | 11/11 | 6/12 |
| ESD Organization Task Force | 9/11 | 5/12 |
| Sloan Executive Education Committee | 9/09 | 6/10 |
| Killian Award Selection Committee | 9/09 | 6/10 |
| MIT Task Force Working Group on Administrative Processes (co-chair) | 2/09 | 6/10 |
| MIT Committee on Conflicts of Interest in Research | 9/08 | 6/10 |
| Lemelson-MIT Sustainability Prize Screening Committee | 10/08 | 6/09 |
| MIT International Advisory Council | 6/07 | 6/09 |
| Sloan International Initiatives Committee (chair) | 9/04 | 6/09 |
| Sloan Executive Education Committee (chair) | 9/04 | 6/09 |
| Sloan Executive Personnel Committee | 9/04 | 6/09 |
| Sloan Space Committee | 9/04 | 6/09 |
| MIT Faculty Council | 7/04 | 6/09 |
| MIT Open CourseWare Director Search Committee (chair) | 11/07 | 7/08 |
| School of Engineering Strategic Planning Council | 10/07 | 5/08 |
| Sloan Undergraduate Program Committee | 9/04 | 7/07 |
| Sloan Doctoral Program Committee | 9/04 | 7/07 |
| School of Engineering Deans Search Committee | 11/06 | 6/07 |
| MIT Research Administration Council | 9/05 | 6/07 |
| MIT150 Sesquicentennial Planning Committee | 11/06 | 1/07 |
| Innovation and Entrepreneurship Program Design Committee | 11/05 | 6/06 |
| MIT Undergraduate Commons Task Force | 7/04 | 8/06 |
| MIT-BP Research Program Committee | 9/04 | 12/05 |
| MIT IT-SPARCC Council | 9/04 | 9/05 |
| Lemelson-MIT Prize Board | 9/00 | 2/03 |
| MIT Faculty Council | 8/00 | 6/03 |
| Sloan Undergraduate and Interdepartmental Program Committee | 9/99 | 6/03 |
| Sloan Masters Program Redesign Committee | 3/02 | 12/02 |
| Engineering Council (Extended) | 7/00 | 6/02 |
| Sloan Community Appreciation Awards Committee | 5/00 | 5/02 |
| Sloan Task Force on Educational Technology | 9/99 | 3/02 |
| MIT Committee on Undergraduate Policy (CUP) | 9/98 | 8/01 |
| Sloan Building Technology Sub-Committee | 8/00 | 6/01 |
| Sloan Undergraduate Minor Committee (Chair) | 1/99 | 6/00 |
| Lemelson-MIT Prize Screening Committee | 10/97 | 4/00 |
| Sloan Executive Education Committee | 9/97 | 9/98 |
| LFM Knowledge Transfer Committee | 1/95 | 6/96 |

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|-------------------------------------------|------|-------|
| MIT Committee on the Writing Requirement | 6/91 | 6/94 |
| Sloan Committee on Faculty Load | 9/90 | 12/90 |
| Brooks Thesis Prize Committee | 9/89 | 5/90 |
| Sloan Committee on Undergraduate Advisors | 8/89 | 6/96 |

Other Activities

| | Start | End |
|-------------------------------------------------------------------------|----------------------------------------------------|------------|
| MIT Freshman Advisor | 2008, 09, 11, 14, 16 | |
| Operations Management Faculty Search Committees | 1992, 94, 97, 00, 05, 06, 07, 10, 14, 15, 16 | |
| Entrepreneurship Faculty Search Committee | 2007 | 2008 |
| Engineering System Division Faculty Search Committees | 2000 | 2003 |
| Teaching Coordinator, Operations Management Group | 1997 | 2001 |
| MIT Science and Engineering Program for Middle and High School Teachers | 6/89 | 6/97 |
| Operations Management Doctoral Admissions (Coordinator) | 2/95 | 4/95 |
| Dover Club of MIT (Zeta Beta Tau Fraternity) Board of Trustees | 9/89 | 6/94 |
| Undergraduate advisor to ~10 Sloan undergraduates | 8/89 | 6/96 |
| Operations Management Doctoral Admissions (Reader) | 2/89 | — |
| Design Thesis Workshop (IAP activity) | 1/92 | 1/92 |
| MIT Freshman Admissions (Reader) | 1/89 | 3/89 |

Honors**Chairs**

| | Start | End |
|-----------------------------------------------------------|--------------|------------|
| General Motors Leaders for Global Operations Chair | 6/09 | — |
| General Motors Leaders for Manufacturing Chair | 1/98 | 6/09 |
| Nanyang Technological University Career Development Chair | 11/93 | 6/95 |

Awards

| | Start | End |
|--------------------------------------------------------------------------------------------------------------------|--------------|------------|
| MIT Teaching with Digital Technology Award Nomination | | 6/17 |
| INFORMS Technology, Innovation Management, and Entrepreneurship Distinguished Speaker Award | | 11/15 |
| PICMET Medal of Excellence Award | | 8/15 |
| Wickham Skinner Award for Best Paper Published in Production and Operations Management in 2013, 2nd place award | | 5/14 |
| World Economic Forum, Global Agenda Council on the Skills Gap | | 5/08 |
| POMS College of Product Innovation and Technology Management, Distinguished Fellow | | 5/06 |
| University of Minnesota 5th Annual Allan D. Shocker Lecture | | 3/03 |
| ASME Xerox DTM Best Paper Award | | 9/01 |
| ASME Design Theory and Methodology Conference Best Paper Award | | 9/95 |
| Academy of Management, TIM Division Best Books List | | 1/95 |
| MIT Alumni/ae Award for Innovation and Excellence in Management Education | | 5/93 |
| MIT Graduate Student Council Teaching Award | | 5/93 |

Grants

| | Start | End |
|--------------------------------------------------------------------|--------------|------------|
| Swisscom Research Grant | 2018 | 2019 |
| BP Research Grant | 2013 | 2017 |
| Siemens Research Grant | 2009 | 2014 |
| Nokia Oy Research Grant | 2007 | 2008 |
| Parametric Technology Corp. Research Grant | 2006 | 2007 |
| Singapore-MIT Alliance Research Grant | 2000 | 2003 |
| Ford-MIT Collaboration Research Grant | 1999 | 2001 |
| Center for Innovation in Product Development (CIPD) Research Grant | 1999 | 2001 |

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| National Science Foundation Engineering Research Center Grant (CIPD) | 1996 | 2001 |
| Lean Aircraft Initiative Research Grant | 1996 | 1999 |
| Hewlett Packard Research Grant | 1996 | 1999 |
| NASA New Millennium Program Research Grant | 1996 | 1998 |
| International Center for Research on the Management of Technology Grant | 1991 | 1998 |
| International Motor Vehicle Program Research Grant | 1991 | 1993 |
| Leaders for Manufacturing Curriculum Devel. Grant (Sloan Foundation) | 1990 | 1994 |
| Digital Equipment Corporation Research Grant | 1990 | 1992 |
| General Motors Research Grant | 1990 | 1991 |
| National Science Foundation Technology Management Program Grant | 1990 | 1992 |
| Leaders for Manufacturing Research Grant | 1989 | 1995 |
| Leaders for Manufacturing Junior Faculty Grant | 1988 | 1993 |

Professional Activities

Professional Memberships

American Society of Mechanical Engineers
 Corporate Design Foundation
 Design Management Institute
 Design Society
 Institute for Operations Research and Management Science
 Institute of Electrical and Electronic Engineers
 Production and Operations Management Society
 Society of Concurrent Product Development
 World Economic Forum, Councils on the Global Agenda

Recent Referee Activity

ASME Journal of Mechanical Design
 Artificial Intelligence for Engineering Design, Analysis, and Manufacturing (AIEDAM)
 California Management Review
 CoDesign
 Design Science
 Design Studies
 IEEE Transactions on Engineering Management
 INFORMS-TMS, Best Paper Award
 International Conference on Engineering Design
 International DESIGN Conference
 International Design Structure Matrix Conference
 International Journal of Design Creativity and Innovation
 International Journal of Product Development
 Journal of Engineering and Technology Management
 Journal of Engineering Education
 Journal of Engineering Design
 Journal of Modern Project Management
 Journal of Product Innovation Management
 Journal of Systems Science and Systems Engineering
 Management Science
 Manufacturing and Service Operations Management
 MIT Press
 NordDesign Conference
 Operations Research
 Organization Science
 Production and Operations Management
 R&D Management

Research in Engineering Design
Sloan Management Review
Systems Engineering

Prior Referee Activity

Aeronautical Journal
ASME Design Automation Conference
ASME Design for Manufacturing Conference
ASME Design Theory and Methodology Conference
ASME Journal of Dynamic Systems, Measurement, and Control
ASME Journal of Engineering for Industry
ASME Press
American Control Conference
Cambridge University Press
Communications of the ACM
Computer Magazine
Computers & Industrial Engineering
Concurrent Engineering Research and Applications
Control Systems Magazine
Engineering and Physical Sciences Research Council, UK
European Journal of Industrial Engineering
European Journal of Operational Research
Harvard Business School Press
IEEE International Conference on Robotics and Automation
IEEE Transactions on Aerospace and Electronics Systems
IEEE Transactions on Automatic Control
IEEE Transactions on Robotics and Automation
IEEE Transactions on Semiconductor Manufacturing
IEEE Transactions on Systems, Man, and Cybernetics
IIE Transactions
International Journal of Production Research
International Journal of Robotics Research
Journal of Engineering Manufacture
Journal of Robotic Systems
Journal of Scheduling
National Science Foundation
Manufacturing Review
Omega
Oxford University Press
Robotics and Computer-Integrated Manufacturing

Leadership Activities

Designs, Editorial Board (2018–)
IEEE Transactions on Engineering Management, Editorial Review Board (2017-2020)
INFORMS Technology Management, Innovation, and Entrepreneurship (TIME) Section, Best Paper Award Selection Committee (2016)
Portland International Center for Management of Engineering & Technology (PICMET) Advisory Council (2015–2021)
Journal of Modern Project Management, Editorial Board and Academic Editor (2013–)
Journal of Product Innovation Management, Editorial Board (2013–2014)
International Journal of Design Creativity and Innovation, Editorial Advisory Board (2012–)
University of Cambridge, Judge Business School, Board of Electors to the Margaret Thatcher Professorship of Enterprise Studies (2011-2012)
Tufts University, Gordon Institute, Industrial Advisory Board (2011 – 2017)

Electronic Colloquium on Design Thinking Research, Scientific Board (2009 –)
 Design Society Special Interest Group on Structural Complexity, Co-Chair (2008 –2011)
 International Journal of Engineering Management and Economics Advisory Board (2007 –)
 Design Society Advisory Board (2007 –)
 CoDesign Editorial Board (2002 –)
 International Journal of Product Development Editorial Board (2002 –)
 Society of Concurrent Product Development Advisory Board of Directors (2001 –)
 International Design Structure Matrix Conference, Founder and Advisory Board (1999 –)
 Design Management Institute Research Advisory Council, Scientific Committee (1999 –)
 Design Studies Editorial Board (1997 – 2016)
 Manufacturing and Service Operations Management Editorial Board (1997-2004)
 ASME Design Theory and Methodology Committee (1990-2010)
 ASME Design Theory and Methodology Conf. Paper Review Coordinator (1992, 1996, 2002)
 Management Science Special Issue on Design and Development Associate Editor (1998-99)
 International Conference on Engineering Design Program Committee (1997, 1999, 2001, 2003)
 TIMS/ORSA Boston Joint National Meeting (Product Development Cluster Chair, 4/94)

Subjects Taught

Number, Title, Semester(s)

15.783J, Product Design and Development (S91, S92, S93, S94, S95, S96, S98, S99, S00, S01, S02, S03, S09, S10, S12, S13, S14, S15, S16, S17)
 15.735, Product Design - EMBA Elective (W15, W16, W17, W18, W19)
 15.S72, Introduction to Product Management (S15)
 ESD.36J, System and Project Management (F02)
 SMA6306, Product Design and Development (F00, F01)
 15.760, Introduction to Operations Management (S89, S90, S91, S92, S93, S94)
 15.970, Special Module on Technology and Management (S90, F90, F91, F92)
 15.785, Design for Manufacturing (F88, F89)

Publications

Books

Product Design and Development

McGraw-Hill/Irwin, New York, Seventh Edition, 2020. (in press for June 2019 release)
 [with K.T. Ulrich and M.C. Yang]

Product Design and Development

McGraw-Hill/Irwin, New York, Sixth Edition, 2016. ISBN 978-0-07-802906-6
 Also in several foreign language translations and special international editions.
 [with K.T. Ulrich]

The Guide to the Product Management and Marketing Body of Knowledge

Product Management Educational Institute (PMEI), Carson City, 2013.
 [edited with G. Geracie]

Design Structure Matrix Methods and Applications

MIT Press, Cambridge, 2012. ISBN 978-0-26-201752-7 and 978-0-26-252888-7.
 Also in Japanese language edition.
 [with T.R. Browning]

Product Design and Development

McGraw-Hill/Irwin, New York, Fifth Edition, 2012. ISBN 978-0-07-340477-6.
 Also in several foreign language translations and special international editions.
 [with K.T. Ulrich]

Product Design and Development

McGraw-Hill/Irwin, New York, Fourth Edition, 2008. ISBN 978-0-07-310142-2.

Also in several foreign language translations and special international editions.

[with K.T. Ulrich]

Product Design and Development

McGraw-Hill/Irwin, New York, Third Edition, 2004. ISBN 0-07-247146-8.

Also in Spanish, Russian and other foreign language translations.

[with K.T. Ulrich]

Product Design and Development

McGraw-Hill, New York, Second Edition, 2000. ISBN 0-07-229647-X.

Also in Korean, Italian, Bahasa Indonesian, and Mandarin.

[with K.T. Ulrich]

Web Site and Instructor's Manual for "Product Design and Development"

<http://www.ulrich-eppinger.net>

[with K.T. Ulrich]

Product Design and Development

McGraw-Hill, New York, 1995. ISBN 0-07-065811-0.

[with K.T. Ulrich]

Instructor's Manual for "Product Design and Development"

McGraw-Hill, New York, 1995. ISBN 0-07-065812-9.

[with K.T. Ulrich]

Book Chapters

Foreword to *Handbook of Research on Trends in Product Design and Development*, A. Silva and R. Simões, IGI Global, 2010.

"Projektmanagement – Produktentwicklungsprojekte zielorientiert und effizient gestalten" (chapter on efficient management of product development projects),
In *Handbuch Produktentwicklung*, B. Schäppi, M.M. Andreasen, M. Kircheorg, and F-J. Radermacher (Eds.), Hanser-Verlag, Munich, 2005. (in German)

"Organizing the Tasks in Complex Design Projects,"

In *Computer-Aided Cooperative Product Development*, D. Sriram, R. Logcher, and S. Fukuda (Eds.), Springer-Verlag, New York, 1991.

[with D.E. Whitney, R.P. Smith, D.A. Gebala]

Refereed Journal Articles

"Characterizing Design Process Interfaces as Organization Networks: Insights for Engineering Systems Management"

Systems Engineering, vol. 19, no. 2, pp. 158-173, 2016.

[with P. Parraguez and A.M. Maier]

"Information Flow through Stages of Complex Engineering Design Projects: A Dynamic Network Analysis Approach"

IEEE Transactions on Engineering Management, vol. 62, no. 4, pp. 604-617, 2015.

[with P. Parraguez and A.M. Maier]

"Improving the Systems Engineering Process with Multilevel Analysis of Interactions"

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