

January 7, 2024

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
Room E62-468
Cambridge, MA 02139 USA

Tel: 617-253-0468 Email: eppinger@mit.edu

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, 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

Consulting Activities

Current and Ongoing Consulting Engagements

<i>Firm</i>	<i>Location</i>	<i>Since</i>
PTC	Boston, MA	6/12

Current Advisory Boards

<i>Firm</i>	<i>Location</i>	<i>Date(s)</i>
Lattix, Inc.	Andover, MA	7/04 —
SurgiBox Inc.	Cambridge, MA	1/24 —

Completed Engagements

<i>Firm</i>	<i>Location</i>	<i>Date(s)</i>
Omega Therapeutics	Cambridge, MA	11/22
Fusion for Energy	Barcelona	12/20 – 10/21
Lutron Electronics Co.	Coopersburg, PA	10/18 – 5/19
Ipsen Bioscience, Inc.	Cambridge, MA	10/17 – 1/19

Avatech	Park City, UT	9/13 – 6/18
Biogen	Cambridge, MA	12/14 – 4/16
Allen, Allen, Allen & Allen	Richmond, VA	6/14 – 2/16
BP Exploration and Production Co. Waters Corp.	Houston, TX	11/12 – 8/14
Nurun Inc.	Milford, MA	6/14
Apple, Inc.	Montreal, Canada	1/13 – 7/13
BP BioFuels	Cupertino, CA	8/11 – 4/12
Cabot Corp.	Houston, TX	5/12
ANSYS, Inc.	Billerica, MA	4/12
VF Corp.	Canonsburg, PA	12/11
SolidWorks	New York, NY	9/11
Plantronics, Inc.	Concord, MA	6/11
Becton Dickinson Medical-Surgical	Santa Cruz, CA	5/10 – 1/11
Ambient Devices, Inc.	Franklin Lakes, NJ	2/10 – 6/10
KLA-Tencor	Cambridge, MA	1/02 – 4/10
PTC	Milpitas, CA	8/07
iRobot, Inc.	Needham, MA	1/04 – 7/07
ProChain Solutions, Inc.	Burlington, MA	9/06
Propulsor Technology, Inc.	San Diego, CA	2/06
Mitsubishi Electric Co.	Arlington, VA	9/05
Integral, Inc./Analysis Group	Nagoya, Japan	7/05
Volvo Powertrain Inc.	Cambridge, MA	10/91 – 6/05
NASA	Hagerstown, MD	5/05
BP	Pasadena, CA	1/05
Medtronic, Inc.	Houston, TX	3/04
Nokia Oy	Minneapolis, MN	1/04 – 3/04
ISI-Dentsu Inc.	Helsinki, Finland	10/03 – 10/06
Exostar, Inc.	Tokyo, Japan	11/03
Axiomatic Design Solutions, Inc.	Herndon, VA	11/03
3dMaxMedia Inc.	Boston, MA	10/03
Schlumberger Corp.	Windermere, FL	11/99 – 6/02
Global One	Cambridge, UK	12/01
TEKES, Finland Technology Centre	Reston, VA	11/99 – 1/00
Finnish Inst. of Tech Industries (FIMET)	Helsinki, Finland	6/99 – 1/00
Celsius Corp.	Helsinki, Finland	8/93 – 1/00
Fiat Central Research	Stockholm, Sweden	6/99
Andersen Consulting	Torino, Italy	11/98 – 1/99
The Timken Co.	St. Charles, IL	10/98
Scania Trucks AB	Canton, OH	11/97 – 2/98
Kulicke & Soffa Industries, Inc.	Södertälje, Sweden	12/97
Ford Motor Company	Willow Grove, PA	5/97
IBASC	Dearborn, MI	7/93 – 4/97
Product Genesis, Inc.	Princess Anne, MD	4/96 – 3/97
International Business Machines Corp.	Cambridge, MA	10/96 – 12/96
ABB Corporate Research	Palisades, NY	4/96
Benefon Oy	Vaasa, Finland	10/94 – 8/95
Saab Military Aircraft	Salo, Finland	8/95
Helkama Cable	Linköping, Sweden	8/95
Xerox Corporation	Hanko, Finland	8/95
Nokia Mobile Phones	Washington, DC	6/95
Ahlstrom Pyropower	Salo, Finland	1/95
Spectragraphics Corporation	Varkaus, Finland	10/94 – 1/95
Valmet Paper Machinery Corp.	San Diego, CA	7/94 – 1/95
ABB Industrial Systems Ltd.	Jyväskylä, Finland	8/93 – 10/94
	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. Schneider Electric	MIT	11/23 —
Sloan Exec. Ed. Thomson Reuters	MIT	11/23 —
Sloan Exec. Ed. Endress+Hauser	MIT	1/23 —
Sloan Exec. Ed. Saudi Electricity	MIT	12/22 —
MITxPRO Technical Project Management	online courses	4/22 —
Sloan Exec. Ed. UL	MIT	9/22 —
Sloan Exec. Ed. Mastering Design Thinking	online courses	3/18 —
Sloan Exec. Ed. IPADE	MIT	4/17 —
Sloan Exec. Ed. Advanced Mgmt. Pgm.	MIT	06/14 —
Sloan Exec. Ed. Systematic Innovation	MIT	11/13 —
Sloan Exec. Ed. Mahidol/SIBA Pgm	MIT	03/12 —
Sloan Exec. Ed. Complex Project Mgmt.	MIT and online	9/99 —
Sloan Exec. Ed. Banco Popular	MIT	11/22
Sloan Exec. Ed. NACS	MIT	11/22
Sloan Exec. Ed. AXA	MIT	4/22
Sloan Exec. Ed. Porsche	MIT	11/15, 2/22
Sloan Exec. Ed. Travelers	MIT	3/21
Sloan Exec. Ed. Fannie Mae	MIT	11/17 – 12/21
Sloan Exec. Ed. Danske Bank	MIT	11/20
Sloan Exec. Ed. Accenture Inovation	India	3/15 – 1/20
Sloan Exec. Ed. NACS	MIT	11/19, 11/22
Sloan Exec. Ed. Alfa Tech. Leaders	MIT and Mexico	10/15 – 6/19
Sloan Exec. Ed. CEMEX	MIT	11/17
Sloan Exec. Ed. Turk Telekom	MIT	4/17
Sloan Exec. Ed. Flex Ops. Mgmt.	MIT	5/16
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
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

Program/Sponsor	Location	Date(s)
Fusion for Energy (ITER Project)	global	1/21 – 9/21
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

Administrative Positions	Start	End
Co-Director, SDM and IDM Programs	4/10	6/22
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
MIT Online and Professional Continuing Education Working Group	11/23	—
Martin Trust Center Advisory Committee	9/19	—
Sloan Executive Education Committee	9/18	—
MIT Endicott House Board of Governors	7/07	6/25
MIT Committee on Nominations	7/19	6/22
MIT Design Initiatives Committee	11/20	1/22

Sloan Task Force on Digital Education	9/18	6/20
Sloan Global Initiatives Committee	9/15	6/19
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
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
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Research and Teaching Programs

	Start	End
System Design and Management Program	6/94	—
Leaders for Global Operations Program	9/88	—
Integrated Design and Management Program	9/15	6/23
Singapore-MIT Alliance (Advanced Manufacturing Technology Program)	7/99	7/02
Ford-MIT Collaboration	5/98	9/01
Center for Innovation in Product Development	6/96	6/02
Lean Aerospace Initiative	6/96	1/99
International Center for Research on the Management of Technology	9/90	6/98
International Motor Vehicle Program	8/91	6/93
Laboratory for Manufacturing and Productivity	9/88	5/93

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

	Date
Design Society, Fellow	4/23
Technical University of Denmark H.C. Ørsted Distinguished Lecture	10/19
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	2021
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
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

Leadership Activities

PICMET Fellows Judging Panel (2021)
 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 (2013–2020)
 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 (2009-2015)
 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, S19, S20, S21, S22, S23)
 15.782, Product Design Methods (S21, S22, S23)
 15.735, Product Design - EMBA Elective (W15, W16, W17, W18, W19, W20)
 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)

Thesis Supervision

Doctoral Theses Supervised

Alison Olechowski, June 2017.
 “Essays on Decision-Making in Complex Engineering Systems Development”
 Daniel Sturtevant, February 2013.
 “System Design and the Cost of Architectural Complexity”

Anshuman Tripathy, February 2010.

"Work Distribution in Global Product Development Organizations"

Darian W. Unger, June 2003.

"Product Development Process Design: Improving Development Response to Market, Technical, and Regulatory Risks"

Jay Jootar, June 2002.

"A Risk Dynamics Model of Complex System Development"

Manuel E. Sosa R., June 2000.

"Analyzing the Effects of Product Architecture on Technical Communication in Product Development Organizations"

Maria Carrascosa, June 1999.

"Product Development Timing and Cost Analysis Using Information Flow Modeling"

Sharon Novak, June 1999.

"Sourcing By Design: Product Architecture and the Supply Chain"

Tyson Rodgers Browning, January 1999.

"Modeling and Analyzing Cost, Schedule, and Performance in Complex System Product Development"

Vikas Sharma, September 1996.

"A New Modeling Methodology Combining Engineering and Statistical Modeling Methods: A Semiconductor Manufacturing Application"

Viswanathan Krishnan, September 1993.

"Design Process Improvement: Sequencing and Overlapping Activities in Product Development"

Robert P. Smith, September 1992.

"Development and Verification of Engineering Design Iteration Models"

Masters Theses Supervised

Zoe Hinton, June 2023

"Enhanced Digital Capability through the use of Simulation in Footwear Product Creation"

Aidana Daulbayeva, June 2023 (reader)

"Behavioral Design for Emotional Intelligence: Leveraging Affective Computing in Medical Education for Improved Care for Substance Use Disorders"

Amit Galgali, May 2022

"Prototyping of Injection EVA Foam Footwear Midsoles"

Stephen Jeffrey Pickett, February 2022

"Applying the Design Structure Matrix to Streamline the Development Process: Lessons From Marine Renewable Development"

Daniel Reilly, June 2021

"Implementing Virtual Reality Based Digital Twins in Automotive Manufacturing"

Jonathan Marcus, June 2021

"Digital Strategy for Consumer Products"

Nithin Thekkupadam Narayanan, February 2021.

"Maximizing Value Creation in Agile Sprints"

Lisa Crofoot, May 2020.

"Management of Cross-Team Interfaces in Large-Scale Agile Development"

Ameneh Fadaie, May 2020.

"Exploration of Consumer Responses to Organic Food Pricing"

Javier Trevino Ruiz, May 2020.

“A Survey of Human-Centered Design Methodologies for a New Hybrid Approach in Product and Experience Innovation”

Siddharth Bajpai, February 2020.

“Planning Large-Scale Agile Development Using a Dependency Structure Mapping Model”

Andrea C. McClave, June 2019.

“User Experience Research for a Campus Food System”

Karen Cheng, June 2019.

“Sustainable Packaging Approaches Needed for Today’s Emerging Waste Challenges”

Austin M. Page, February 2019. (reader)

“Technical Debt: The Cost of Doing Nothing”

Rajaram Srinivasan, February 2019.

“Analysis of DevOps in Complex Product-Service System Development”

Timothy Leonard Marquart, June 2018.

“Improving Design and Manufacturing Performance Through Advanced Visualization”

Amit Kumar Tomar, September 2017.

“Study of Scrum Framework Usage in Non-Software Systems”

Olawale A. Akinwale, February 2017.

“System Architecture Design of a Robust Heating System”

Tushar Garg, February 2017.

“Estimating Change Propagation Risk using TRLs and System Architecture”

Joseph Lessard, February 2017.

“Electronic Waste Recycling: Understanding the Ecosystem and Opportunities for Improvement”

Andrew J. Byron, June 2016.

“Qualification and Characterization of Metal Additive Manufacturing”

Nathan McMullin, June 2015.

“Value Creation through Intellectual Property Acquisition”

Rodolfo Reyes Luna, February 2015.

“Leveraging the Capacity of Human Capital in a Product Development Organization”

Jeremy M. Giese, June 2014

“Rugged Field Service Computing: A Product Development Case Study at Dell Inc.”

Luis Armando López Avila, February 2014.

“Incorporating the Innovation Process in a Product Development Organization”

Anitha Balasubramaniam, February 2014.

“Financial Modeling of New Product Development Economics”

Andrew Oswald, June 2013.

“Understanding Technology Development Processes: Theory & Practice”

Toni J. Ferreira, June 2013.

“A Design Methodology for the User Interface of an Electromechanical Parts Database”

Joshua Przybylko, June 2013.

“The Applications of Autonomous Systems to Forestry Management”

Asif Iqbal, April 2013.

“A Study of Open Innovation and its Applications to product design”

Carlos Xavier Zamora Torres, February 2013.

“Engineering Work Breakdown and Assignment for Global Product Development”

Steven V. Bonelli and Adrian M. Gonzalez Guerra, September 2012.

“Application of the Design Structure Matrix (DSM) to the Real Estate Development Process using Modular Construction Methods”

Louis S. Grillon, June 2012.

“Creation and Sustainment of Manufacturing Technology Roadmaps”

Marcus Cullen Johnson, June 2012.

“Implementation of a Manufacturing Technology Roadmapping Initiative”

Kurtis McKenney, June 2012.

“Sustainable Approach to Achieving Energy Efficiency in Manufacturing Operations”

Jeremy Pitts, June 2010.

“R&D Project Selection: Best Practices for Suppliers”

Benjamin Bulloch and John Sullivan, September 2009 (reader).

“Application of the Design Structure Matrix (DSM) to the Real Estate Development Process”

Bradley W. Rogers, June 2009.

“Understanding, Modeling, and Improving the Development of Complex Products: Method and Study”

David Margetts, June 2008.

“Improving the Manufacturing Yield of Investment Cast Turbine Blades through Robust Design”

Sabrina Chang, June 2007.

“Allocation of Engineering Resources to Global Sites Based on Coordination Cost and Project Structure”

Krishnan Raghunathan, June 2006.

“Productivity Improvement in Downstream EPC Projects using Value Streams based Organization”

Ying Pan, June 2006.

“Challenges and Rewards of Mechanical Platforming Strategy within Wireless Handset Industry”

Yonas Nebiyeloul-Kifle, June 2005.

”Application of the Design Structure Matrix to Integrated Product Development Process”

Jason T. Chen, June 2003.

“A Process for Improving Early Life Failure Response”

Lee Y. Koa, June 2003.

“Lean Principles, Behaviors, and Implementation Strategies for Automotive Product Design and Development”

Mack R. Lund, June 2003.

“Predicting Manufacturing Performance of New Radar Subassembly Designs”

Lincoln J. Sise, June 2003.

“A Lean Transformation in Low Volume Space Manufacturing”

Alberto J. Cividanes, June 2002.

“Optimal Scheduling of Design Reviews in Product Development”

Christopher Lance Durham, June 2002.

“Technology Strategy and Business Development at a Semiconductor Equipment Company: A Process Definition and Case Study of a New Technology”

Debika Ingham, June 2002.

“Quality Control and Improvement in a Low-Cost, High-Clockspeed Manufacturing Environment”

Asoka Veeravagu, June 2002.

"Development of an Optimal Manufacturing Strategy for Low-Volume Specialty Vehicles"

Soo-Haeng Cho, June 2001.

"An Integrated Method for Managing Complex Engineering Projects Using the Design Structure Matrix and Advanced Simulation"

Quang Nguyen, June 2001.

"Optimizing Engineering Analysis Resource Allocation"

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