# HARRIS KYRIAKOU

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## EXPERIENCE

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| **ESSEC BUSINESS SCHOOL** | **PARIS, FRANCE** |
| Associate Professor | 09/2021-Current |
| Dean's Scholar | |
| Information Systems, Decision Sciences & Statistics | |
| **IESE BUSINESS SCHOOL** | **BARCELONA, ES** |
| Assistant Professor | 09/2016-08/2021 |
| Information Systems | |
| **EUROPEAN COMMISSION** | **LUXEMBOURG, LU** |
| Member of the Expert Group on Digitalization | 09/2018-09/2020 |

## RESEARCH & CONSULTING EXPERIENCE

Artificial & Collective Intelligence, Innovation & Product Development, Human-Machine Collaboration, Computer-Supported Cooperative Work, Business Analytics, Crowdsourcing & Crowdfunding.

## EDUCATION

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| **STEVENS INSTITUTE OF TECHNOLOGY** | **HOBOKEN, NJ** |
| PhD. Business Administration | 08/2011-05/2016 |
| **CARNEGIE MELLON UNIVERSITY** | **PITTSBURGH, PA** |
| M.S. Engineering & Technology Innovation Management | 01/2009-05/2010 |
| **UNIVERSITY OF PIRAEUS** | **ATHENS, GREECE** |
| B.Sc. Digital Systems | 09/2002-05/2007 |

## CONTINUOUS & EXECUTIVE EDUCATION

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| **HARVARD BUSINESS SCHOOL** | **BARCELONA, ES** |
| Case Method Teaching Seminar | 2018 |
| **MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** | **BOSTON, MA** |
| From Technology to Innovation: Putting Ideas to Work | 2009 |
| **MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** | **BOSTON, MA** |
| Challenges of Leadership in Teams | 2008 |

## PUBLISHED & ACCEPTED JOURNAL ARTICLES

*Refereed Journal Articles*

- Gregory R.W.; Henfridsson O.; Káganer E.; Kyriakou, H. 2022. Data Network Effects: Key Conditions, Shared Data, and the Data Value Duality (*Academy of Management Review, in Press*).

- Kyriakou, H.; Majchrzak A.; Nickerson, J.V. Novelty and the Structure of Design Landscapes: A Relational View of Online Innovation Communities, (*MIS Quarterly, Forthcoming*).

- Gregory R.W.; Henfridsson O.; Káganer E.; Kyriakou, H. 2021. The Role of Artificial Intelligence and Data Network Effects for Creating User Value (*Academy of Management Review, Vol. 46(3), 534–551*.

    ◊ *Received Best Research Paper Award from the ESSEC Foundation, 2022.*

- Kyriakou, H.; Nickerson, J.V.; Sabnis G. 2017. <u>Knowledge Reuse for Customization: Metamodels in an Open Design Community for 3D Printing</u>, *MIS Quarterly, 41(1), 315-322.*
  - ◊ *Received Best Published Paper Award from the Academy of Management, OCIS, 2018.*
- Huang P.; Kankanhalli A.; Kyriakou H.; Sabherwal R. 2018. <u>Knowledge Management</u>, *MIS Quarterly Research Curation, 2018.*

## UNDER REVIEW

*Papers under Review*
- Genc Y.; Kyriakou, H.; Maruping L.; Xue L. <u>Diffusion of Blockchain based Innovations: An Informational Cascades Perspective,</u> (*under review in Information Systems Research, 3rd round*).

## UNDER PREPARATION

*Papers under Preparation*
- Kyriakou, H.; Wareham, J.D. <u>How Generative Technologies Govern Online Innovation Communities</u>, (*manuscript available, under preparation for submission by 07/2022, target journal: Information Systems Research*).
- Lee, H.; Kyriakou, H.; Genc Y.; Maruping L. <u>The Effects of Novelty, Density and Metaknowledge on Digital Market Entry</u>, (*manuscript available, under preparation for submission by 05/2022, target journal: Academy of Management Journal*).
  - ◊ *Received Best Published Paper Award from the Academy of Management, Big Data, 2018.*
- Tripathi, S.; Kyriakou, H. <u>To Share Or Not To Share? Understanding The Impact Of Policy Changes In Sharing Economy Using A Quasi-Natural Experiment,</u> (*manuscript available, under preparation for submission by 05/2022, target journal: Management Science*).
- Chondrakis, G.; Kyriakou, H.; Pratto, M.; Ringov, D. <u>Platform Competition & the Impact of Algorithmic Governance on Apple's App Store</u> (*under preparation for submission by 07/2022*).
- Genc Y.; Kyriakou, H.; Maruping L. <u>Understanding the Role of Network Structure in the Dissemination of Cryptocurrencies</u> (*under preparation for submission by 12/2022*).

## CONFERENCE PROCEEDINGS

*Refereed Conference Proceedings*
- Tripathi, S.; Kyriakou, H. <u>How Self-Regulation Affects Sharing Markets: Analysis Using a Quasi-Natural Experiment</u>, International Conference on Information Systems (ICIS), Hyderabad, India, 2020.
- Tripathi, S.; Kyriakou, H. <u>To Share or Not to Share? Assessing the Impact of Self-Regulation on a Peer-to-Peer Market</u>, Academy of Management Annual Meeting, 08/2020.
- Tripathi, S.; Kyriakou, H. <u>To Share or Not to Share? Understanding the Impact of Policy Changes in Sharing Economy Using a Quasi-Natural Experiment</u>, Statistical Challenges in Electronic Commerce Research (SCECR), Madrid, Spain, 06/2020.
- Gregory R.W.; Kyriakou, H. <u>Learning Effects: The Role of Digital Technology on Platforms</u>, Academy of Management Annual Meeting, Chicago, IL, 08/2018.
- Kyriakou, H.; Genc Y. <u>The Effects of Novelty, Density and Metaknowledge on Digital Market Entry</u>, Academy of Management Big Data Conference, Surrey, UK, 2018.

- Genc Y.; Kyriakou, H. Crowdfunding 2.0: Understanding the Emergence and Prevail of Decentralized Platforms of Digital Innovation, International Conference on Information Systems (ICIS), Seoul, Korea, 2017.
- Kyriakou, H.; Nickerson, J.V.; Majchrzak A. Makers of the Artificial: What Strategies Lead to Design Reuse?, Workshop on Information Technologies and Systems (WITS), Seoul, Korea, 2017.
- Kyriakou, H. Digital Innovation in 3D Printing: Remixing as a Form of Search, 3rd World Open Innovation Conference (WOIC), Barcelona, Spain, 2016.
- Kyriakou, H.; Nickerson, J.V. Twitch Plays Pokémon: An Exploratory Analysis of Mass Synchronous Crowd Collaboration, Collective Intelligence, Stern School of Business (NYU), New York, NY, 2016.
- Kyriakou, H. Collective Innovation: Novelty, Reuse and their Interplay, Organization Science Winter Conference, Park City, UT, 02/2016.
- Kyriakou, H.; Nickerson, J.V. Novelty in Collective Design Landscapes, AIS SIGPRAG Workshop, Fort Worth, TX, 12/2015.
- Kyriakou, H.; Nickerson, J.V. Collective Innovation In 3D Printing: Novelty, Reuse & Their Interplay, INFORMS Annual Meeting, Philadelphia, PA, 2015.
- Kyriakou, H.; Nickerson, J.V. Novelty and Reuse in an Open Innovation Community, Workshop on Information in Networks (WIN), New York University, New York, NY, 2015.
- Kapogli E.; Kyriakou, H. The Effect of Network and Geolocation Measures on Business Ratings, Workshop on Information in Networks (WIN), New York University, New York, NY, 2015.
- Kyriakou, H.; Nickerson, J.V. Evolution and Recombination in Open Source Hardware. American Association for the Advancement of Science (AAAS) Annual Meeting, San Jose, CA, 2015.
- Kyriakou, H.; Nickerson, J.V. Novelty in Collective Design Landscapes, 13th Open and User Innovation Meeting (OUI), Católica Lisbon School of Business & Economics, Lisbon, Portugal, 2015.
- Kyriakou, H.; Nickerson, J.V. Measuring Innovation in Remix Communities, 12th Open and User Innovation Meeting (OUI), Harvard Business School, Cambridge, MA, 2014.
- Kyriakou, H.; Nickerson, J.V. Collective Innovation in Open Source Hardware, Collective Intelligence, Massachusetts Institute of Technology (MIT), Cambridge, MA, 2014.
- Kyriakou, H.; Nickerson, J.V. Idea Inheritance, Originality, and Collective Innovation, Workshop on Information in Networks (WIN), New York University, New York, NY, 2013.
- Kyriakou, H.; Englehardt, S.; Nickerson, J.V. Networks of Innovation in 3D Printing, Workshop on Information in Networks (WIN), New York University, New York, NY, 2012.

**AWARDS, PRIZES, GRANTS & HONORS**

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|---|---|
| **ESSEC FOUNDATION** | **PARIS, FR** |
| Best Research Paper Award | 2022 |
| **ASSOCIATION FOR INFORMATION SYSTEMS** | **ATLANTA, GA** |
| Distinguished Member | 2021 |
| **ASSOCIATION FOR INFORMATION SYSTEMS** | **HYDERABAD, IN** |
| Best Associate Editor, ICIS | 2020 |
| **IESE RESEARCH DIVISION GRANT** | **BARCELONA, ESP** |
| Research Support Grant (€ 80,000) | 2016-2021 |
| **ACADEMY OF MANAGEMENT (OCIS DIVISION)** | **CHICAGO, IL** |

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| Best Paper Published in a Journal (*1/100+ awarded*) | 2018 |
| **AoM BIG DATA & MANAGING IN A DIGITAL ECONOMY** | **SURREY, UK** |
| Best Paper Award (*3/400+ awarded*) | 2018 |
| **CIONEXT** | **BRUSSELS, BE** |
| European Research Paper of the Year Nomination | 2018 |
| **ACADEMY OF MANAGEMENT (OCIS DIVISION)** | **CHICAGO, IL** |
| Emerald Best International Symposium | 2018 |
| **ACADEMY OF MANAGEMENT (OCIS DIVISION)** | **ATLANTA, GA** |
| Outstanding Associate Editor | 2017 |
| **STEVENS INSTITUTE OF TECHNOLOGY** | **HOBOKEN, NJ** |
| Best Dissertation Award- PhD in Business Administration | 2016 |
| **INFORMS ANNUAL MEETING** | **PHILADELPHIA, PA** |
| 1st Place Paper Poster Competition (1/*173 awarded*) | 2015 |
| **ACADEMY OF MANAGEMENT (OCIS)** | **VANCOUVER, BC** |
| Doctoral Consortium Travel Grant | 2015 |
| **STEVENS INSTITUTE OF TECHNOLOGY** | **HOBOKEN, NJ** |
| Research Fellowship | 2011-2016 |
| **STEVENS INSTITUTE OF TECHNOLOGY** | **HOBOKEN, NJ** |
| OGSA Travel Grant | 2014 |
| **CARNEGIE MELLON UNIVERSITY** | **PITTSBURGH, PA** |
| Engineering & Technology Innovation Management Scholarship | 2009 |
| **GERONDELIS FOUNDATION** | **LYNN, MA** |
| Merit Based Scholarship | 2010 |
| **MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** | **BOSTON, MA** |
| Professional Education Program Scholarship | 2009 |
| **MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)** | **BOSTON, MA** |
| Professional Education Program Scholarship | 2008 |

## INVITED/SCHEDULED PRESENTATIONS

- Uppsala University, Department of Informatics and Media, 03/2022.
- University of Georgia, Terry College of Business, 12/2021.
- LUISS Business School, Online, 02/2021.
- ESSEC Business School, Online, 02/2021.
- IE Business School, Online, 01/2021.
- UCL School of Management, Online, 01/2021.
- University of Virginia, Online, 10/2020.
- Stockholm School of Economics, Online, 10/2020.
- ALBA Graduate Business School, Athens, Greece, 05/2020.
- LUISS Business School, Rome, Italy, 07/2019.
- IESE Business School, Barcelona, Spain, 01/2016.
- Carnegie Mellon University, Pittsburgh, PA, 02/2016.
- University of New Hampshire, Durham, NH, 01/2016.
- Fordham University, New York, NY, 12/2015.
- Tilburg University, Tilburg, Netherlands, 12/2015.
- Iona College, New Rochelle, NY, 03/2016.
- OSHWA, Massachusetts Institute of Technology (MIT), Cambridge, MA, 09/2013.
- World Maker Faire, New York Hall of Science, Queens, NY, 09/2013.
- NSF Social Computational Systems (SoCS), Seattle, WA, 06/2013.

## TEACHING

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|---|---|
| **BUSINESS ANALYTICS & AI** | **SPRING 2022-Current** |

ESSEC & Mannheim Business School Executive MBA

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| **MANAGING IT IN THE DIGITAL AGE** | **SPRING 2022-Current** |

ESSEC Grande École (MIM)
Ranked 6th Globally in 2021 Masters in Management (Financial Times)

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| **COMPETING IN THE DIGITAL AGE** | **FALL 2020-Current** |

IESE Ranked 1st Globally in Executive Education (Financial Times)
Overall Satisfaction: 4.50/5.00

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| **ANALYSIS OF BUSINESS PROBLEMS (ABP)** | **FALL 2017-Current** |

MBA & Executive MBA
Overall Satisfaction: 4.40/5.00

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| **DIGITAL TRANSFORMATION & STRATEGY (TOM)** | **FALL 2016-Current** |

MBA & Executive MBA
Overall Satisfaction: 3.90/5.00

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| **ARTIFICIAL INTELLIGENCE & ANALYTICS (AIA)** | **FALL 2020-Current** |

2$^{nd}$ Year MBA Elective (Demand > 2x Capacity)
Newly Developed Course

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| **SYSTEMS ANALYSIS & DESIGN** | **FALL 2014** |

MBA & MSc
Instructor Rating: 3.68/4.00 | Course Rating: 3.71/4.00

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| **INTRODUCTION TO INFORMATION SYSTEMS** | **FALL 2013** |

Undergraduate
Instructor Rating: 3.68/4.00 | Course Rating: 3.52/4.00

## TEACHING (Invited)

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| **SUPPLY CHAIN ANALYTICS (BIA-674)** | **FALL 2013** |

Invited by Panos Repoussis (2 Sessions).

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| **INTEGRATING IS TECHNOLOGIES: DESIGNING INFORMATION SYSTEMS** | |
| **ARCHITECTURES (MIS-730)** | **FALL 2014** |

Invited by Jeffrey V. Nickerson (3 Sessions).

## MENTORING

### Research Mentoring

- **Shagun Tripathi** (PhD Student)                                    09/2018-Current
  *Currently PhD Candidate at IESE Business School*

- **Steven Englehardt** (Research Staff)                               06/2012-08/2013
  Exploring Methods for Measuring Differences between 3D Product Designs
  *Next finished PhD in C.S. at Princeton University, currently Privacy Researcher at Mozilla*

- **Joe Risi** (Computer Science Undergraduate)                        06/2012-07/2014
  Behavioral Patterns in Crowdfunding and 3D Printing Communities
  *Currently Research Staff at Microsoft Research*

### PhD Committees

- **Heeseung Lee**                                                     June 2021
  *Empirical Essays on Crowd-Based Digital Platforms and Product Innovation Performance*
  *Committee Member, J. Mack Robinson College of Business, Georgia State University*

- **Melina Moleskis**                                                  October 2018
  *Alternate Committee Member, IESE Business School*

- **Laia Pujol**                                                       June 2020
  *Alternate Committee Member, ESADE Business School*

## SERVICE

*Academic Journals Service*

- **Reviewer**, Organization Science (**ORGSCI**) (2021-Present).
- **Reviewer**, Management Information Systems Quarterly (**MISQ**) (2017-Present).
- **Reviewer**, Information Systems Research (**ISR**) (2019-Present).
- **Reviewer**, Journal of the Association for Information Systems (**JAIS**) (2019-Present).
- **Reviewer**, Information Systems Journal (**ISJ**) (2017-Present).
- **Reviewer**, European Journal of Information Systems (**EJIS**) (2020-Present).
- **Reviewer**, Journal of Business Ethics (**JOBE**) (2019-Present).
- **Reviewer**, Research Policy (**RP**) (2019-Present).
- **Reviewer**, Industrial and Corporate Change (**ICC**) (2018-Present).
- **Reviewer**, Information & Organization (**I&O**) (2020-Present).
- **Reviewer**, Communications of the Association for Information Systems (**CAIS**) (2018-Present).
- **Reviewer**, AI & Society (**AIS**) (2020-Present).

*Editorial Service*

- **Associate Editor**, 82$^{nd}$ Annual Meeting of the Academy of Management, Organizational Communication and Information Systems (**OCIS**) Division, 2022, Seattle, WA.
- **Associate Editor**, European Conference on Information Systems (**ECIS**), 2022, Timisoara, Romania.
- **Associate Editor**, AI in Business and Society, International Conference on Information Systems (**ICIS**), 2021, Austin, TX.
- **Associate Editor**, International Conference on Information Systems (**ICIS**), 2020, Hyderabad, India.
- **Associate Editor**, International Conference on Information Systems (**ICIS**), 2019, Munich, Germany.
- **Associate Editor**, International Conference on Information Systems (**ICIS**), 2018, San Francisco, USA.
- **Associate Editor**, 78$^{th}$ Annual Meeting of the Academy of Management, Organizational Communication and Information Systems (**OCIS**) Division, 2018, Chicago, IL.
- **Associate Editor**, European Conference on Information Systems (**ECIS**), 2018, Portsmouth, UK.
- **Associate Editor**, 79$^{th}$ Annual Meeting of the Academy of Management, Organizational Communication and Information Systems (**OCIS**) Division, 2017, Boston, MA.

*Organizing & Committee Service*

- **Organizer,** Statistical Conference in E-Commerce Research **(SCECR)**, 2022, Madrid, Spain
- **Program Committee Member**, Academy of Management **OCIS** Conference, 2018, Shanghai, China.
- **Organizer,** Academy of Management Symposium, 3D Printing and Beyond: Digital Innovation in a Physical World and its Implications, 2018, Chicago, USA
- **Associate Editor**, 77$^{th}$ Annual Meeting of the Academy of Management, Organizational Communication and Information Systems (**OCIS**) Division, 2017, Atlanta, GA.

- **Session Chair**, Academy of Management Conference: Big Data and Managing in a Digital Economy, Surrey, UK, 2018.
- **Co-Organizer**, Workshop on Similarity Detection in Digital Trace Data, European Conference on Information Systems (**ECIS**), Guimarães, Portugal, 2017.
- **Track Chair**, 3rd World Open Innovation Conference (**WOIC**), 2016, Barcelona, Spain.
- **Program Committee Member**, 3rd Internet of Things IEEE Conference, IoT Big Data Analytics Track, **TENSYMP**, 2015, Ahmedabad, India.
- **Session Chair**, Information Systems Track, **INFORMS** Annual Meeting, Philadelphia, PA, 2015.
- **Vice President**, Graduate Student Council, Stevens Institute of Technology, 2013-14.
- **Student Volunteer,** 17th ACM conference on Computer-Supported Cooperative Work (**CSCW**) and Social Computing, 2014, Baltimore, MD.

*Conference Reviewer Service*
- **Reviewer**, 42st Strategic Management Society Annual Conference (**SMS**), London, UK 2022.
- **Reviewer**, 41st Strategic Management Society Annual Conference (**SMS**), Toronto, ON 2021.
- **Reviewer**, 38th International Conference on Information Systems (**ICIS**), Seoul, Korea 2017.
- **Reviewer**, 77th Annual Meeting of the Academy of Management, Technology & Innovation Management (**TIM**) Division, 2017, Atlanta, GA.
- **Reviewer**, 37th International Conference on Information Systems Doctoral Consortium (**ICIS**), Dublin, Ireland, 2016.
- **Reviewer**, 20th ACM conference on Computer-Supported Cooperative Work (**CSCW**) and Social Computing, 2017, Portland, OR.
- **Reviewer**, Doctoral Consortium @ 37th International Conference on Information Systems (**ICIS DC**), Dublin, Ireland 2016.
- **Reviewer**, 37th International Conference on Information Systems (**ICIS**), Dublin, Ireland 2016.
- **Reviewer**, 75th Annual Meeting of the Academy of Management, Organizational Communication and Information Systems (**OCIS & TIM**) Division, 2015, Vancouver, PA.
- **Reviewer**, 33rd ACM Conference on Human Factors in Computing Systems (**CHI**), 2015, Seoul, Korea.
- **Reviewer**, 18th ACM conference on Computer-Supported Cooperative Work (**CSCW**) and Social Computing, 2015, Vancouver, BC, Canada.
- **Reviewer**, 12th International Conference on Wirtschaftsinformatik, 2015, Osnabrück, Germany.
- **Reviewer**, 33rd International Conference on Information Systems (**ICIS**), Orlando 2012.

**RESEARCH UNDER NSF GRANTS**

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| **COLLECTIVE DESIGN THROUGH REMIXING** | IIS-1422066 |
| **CROWDSOURCING CREATIVITY: EXPERIMENTS IN DESIGN** | IIS-0968561 |
| **COMBINING EXPERTS & CROWDS TO ADDRESS CHALLENGING SOCIETAL PROBLEMS** | CCF-1442840 |
| **LOCAL COMMUNITY CROWDSOURCING OF PHYSICAL-WORLD TASKS WITH MYRMEX** | IIS-1211084 |
| **GENERATING ALTERNATIVES: ENHANCING CREATIVITY IN THE DESIGN OF INFORMATION SYSTEMS** | IIS-0855995 |

**DOCTORAL CONSORTIA (PEER-REVIEWED)**

- Collective Innovation: Novelty and Recombination in 3D Printing Design, International Conference on Information Systems (**ICIS**), Fort Worth, TX, 12/2015.
- Collective Innovation in 3D Printing: Reuse, Novelty & their Interplay in an Empirical Design Landscape, Technology & Innovation Management (**TIM**) Research Development Workshop, Vancouver, BC, 08/2015.
- Collective Innovation in 3D Printing: Reuse, Novelty & their Interplay in an Empirical Design Landscape, Organizational Communication and Information Systems (**OCIS**) Doctoral Consortium, Vancouver, BC, 08/2015.
- Collective Innovation in 3D Printing: Novelty, Reuse & their Interplay, 13th Open and User Innovation Meeting (**OUI**), Católica Lisbon School of Business & Economics, Lisbon, Portugal, 07/2015.
- Collective Innovation & the Inheritance of Ideas, Academy of Management Conference, Technology Innovation Management (**TIM**) Doctoral Consortium, Philadelphia, PA, 08/2014.
- Collective Innovation & the Inheritance of Ideas, Association for Information Systems Conference (**AMCIS**) Doctoral Consortium 2014, Savannah, GA, 08/2014.

**PROFESSIONAL SOCIETY MEMBERSHIPS**

AIS, AoM, INFORMS, AAAS, ACM, IEEE, OSHWA

**NEWS COVERAGE & INTERVIEWS**

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| **CORE INSIGHTS** | 2021 |
| The three dimensions needed for data network effects | |
| **IESE INSIGHT** | 2020 |
| Opening the black box of AI and machine learning | |
| **IESE INSIGHT** | 2020 |
| The Role of Artificial Intelligence and Data Network Effects for Creating User Value | |
| **IESE INSIGHT** | 2019 |
| 3 Success Factors for Crowdfunding | |
| **IESE INSIGHT** | 2018 |
| Knowledge Management | |
| **IESE INSIGHT** | 2017 |
| How to Organize a Crowd for Open Innovation | |
| **STEVENS INSTITUTE OF TECHNOLOGY** | 2016 |
| Location Led to Opportunity for Stevens Ph.D. Standout | |
| **STEVENS INSTITUTE OF TECHNOLOGY** | 2013 |
| Graduate Admissions Blog | |
| **STEVENS INSTITUTE OF TECHNOLOGY** | 2013 |
| Traces of Innovation in Thingiverse | |
| **THE COLUMBIA CHRONICLE** | 2013 |
| Surge in 3D Printing Industry may Revolutionize Manufacturing | |
| **CARNEGIE MELLON UNIVERSITY** | 2013 |
| E&TIM Website News | |
| **3D PRINTING INSIDER** | 2013 |
| Surge in 3D Printing Industry may Revolutionize Manufacturing | |