



## Fifth Annual Northwestern Empirical Conference on Standardization

October 16-17, 2025  
Northwestern Pritzker School of Law  
Chicago, IL

Northwestern Pritzker School of Law  
Thorne Auditorium  
375 E. Chicago Avenue  
Chicago, IL 60611

*All paper sessions will feature a 15-minute author presentation, followed by a 5-minute discussion presentation, and 10-minutes of Q&A per paper.*

### **Thursday, October 16<sup>th</sup>**

8:00 to 9:00 a.m.

**Registration Check-In and Continental Breakfast**  
(Thorne Auditorium Lobby)

9:00 to 9:15 a.m.

**Welcome and Introduction** (Thorne Auditorium)

**Justus Baron**, Director, Research Project on Innovation and  
Technology Standards, Northwestern Center on Law,  
Business, and Economics

9:15 to 10:15 a.m.

**Session One – Geopolitics of Standardization** (Thorne Auditorium)

*Who Steps Into the Void? A Third-Party Perspective on the U.S.  
Sanctions on Huawei in International Standard-Setting*  
**Qingqing Chen**, Assistant Professor, Organization, Strategy,

and International Management Department, Naveen Jindal  
School of Management, University of Texas at Dallas

Discussant: **Jaganath Sankaran**, Associate Professor,  
Lyndon B. Johnson School of Public Affairs, UT Austin

[Exporting State-Promoted Technologies and the Direction of  
Global Innovation: Evidence From 5G Standardization](#)

**Myeongwan Kim**, International Economics and Global Security  
Postdoctoral Fellow, Dartmouth College

Discussant: **Hans Magnus J. Buggenhagen**, Principal,  
LexisNexis Intellectual Property Solutions

10:15 to 10:30 a.m.

**Break** (Thorne Auditorium Lobby)

10:30 a.m. to 12:30 p.m.

**Session Two – SEPs and the Value of 5G** (Thorne Auditorium)  
*(Two 25-minute presentations followed by 10 minutes Q&A, and then a  
panel discussion)*

*The Value of 5G*

**Justus Baron**, Director, Research Project on Innovation and  
Technology Standards, Northwestern Center on Law,  
Business, and Economics

*Evaluating Royalties Against the Value of the Benefits that  
Depend on the Licensed Technology*

*(remote presentation)*

**Lotta Väänänen**, Vice President, Compass Lexecon, Helsinki

**Panel Moderator:** **Yanis Gamarra**, Technical University of  
Munich, TUM School of Management, Chair  
of Management Accounting

**Panel Discussants:** **John Kolakowski**, Director of Licensing,  
Head of IP Regulatory Affairs, North  
America, Nokia Technologies

**Yuan Tian**, Vice President, Analysis  
Group, Inc.

**Shahrokh Nayeb Nazar**, Senior  
Director of Technology, Qualcomm

12:30 to 1:30 p.m.

**Lunch** (Lanny & Sharon Martin Atrium)

1:30 to 3:00 p.m.

**Session Three – Standardization, Innovation, and Licensing** (Thorne Auditorium)

*Free to Innovate: Intellectual Property (in)validation and Standard Development in Wireless Telecommunications*

**Stephen Jones**, Associate Professor of Management, School of Business, University of Washington Bothell

Discussant: **Michela Bonani**, Universitat Pompeu Fabra

*Standardization and the Effects on Innovation in Critical and Emerging Technologies*

**Filippo Grillo**, Researcher, BRELA Research in Economics & Legal Analytics and Rotterdam School of Management

Discussant: **Aija Leiponen**, Professor, Dyson School of Applied Economics and Management, SC Johnson College of Business, Cornell University

*What Drives Formation, Growth, and Failure of Patent Pools? An Analysis of SEP Holders' Joining Decisions*

**Pietro Fantini**, PhD Candidate, Technical University of Munich, TUM School of Management, Chair for Technology and Innovation Management

Discussant: **Yanis Gamarra**, Technical University of Munich, TUM School of Management, Chair of Management Accounting

3:00 to 3:15 p.m.

**Break** (Thorne Auditorium Lobby)

3:15 to 4:15 p.m.

**Session Four – Panel Discussion on The Evolving U.S. Policy Approach to Standards and Regulation** (Thorne Auditorium)

**Moderator: David L. Schwartz**, William G. and Virginia K. Karnes Professor of Law, Northwestern Pritzker School of Law

**Julie Carlson**, Director, Government Affairs, Qualcomm

**Jorge L. Contreras**, Distinguished University Professor; James T. Jensen Endowed Professor for Transactional Law, University of Utah S.J. Quinney College of Law

**John Dubiansky**, Senior Director, Intellectual Property and Standards Policy, Dolby Laboratories Inc.

4:15 to 4:30 p.m.

**Break** (Thorne Auditorium Lobby)

4:30 to 6:00 p.m.

**Session Five –Safety Standards and Regulation** (Thorne Auditorium)

*The New “New Approach” to Payments in the EU Single Market*

**Jane K. Winn**, Professor of Law, University of Washington  
School of Law

Discussant: **Marie Gérardy**, Legal and Policy  
Officer/Standardisation Desk Officer, European  
Commission

*The Role of Standardisation in the Safety of Products Re-  
entering the Market Through Circular Practices*

**Marie Gérardy**, Legal and Policy Officer/Standardisation Desk  
Officer, European Commission

Discussant: **Jane K. Winn**, Professor of Law, University  
of Washington School of Law

*Discriminatory Multinationals? Information Disclosure and  
Product Recalls in China’s Automobile Market  
(remote presentation)*

**Matthew Shi**, Assistant Professor of Economics, Chinese  
University of Hong Kong (CUHK)

Discussant: **Umberto Nizza**, Post-doc in Economic Law,  
Department of Law, University of Torino

6:00 to 8:00 p.m.

**Networking Cocktail Reception** (Lanny & Sharon Martin Atrium)

**Friday, October 17<sup>th</sup>**

8:00 to 9:00 a.m.

**Breakfast** (Lanny & Sharon Martin Atrium)

9:00 to 10:30 a.m.

**Session Six – International Standardization** (Thorne Auditorium)

*Empowering MSMEs – Navigating their Path to International Standards Development*

**Diane Liao**, Senior Researcher, Standards Council of Canada

Discussant: **Sokol Tominaj**, Research Fellow/PhD Candidate, Technical University of Berlin, Chair of Innovation Economics, Institute of Technology & Management, Technical University of Berlin

*Exploring the Drivers Shaping International Standardization Efforts at ISO*

**Yihan Chen**, External PhD Candidate, Chair of Innovation Economics, Institute of Technology and Management, Technische Universität Berlin

Discussant: **Wilfried Nonguierma**, Senior Researcher, Office of the CEO, Standards Council of Canada

*On the Complementarity of International Management Standards Certificates: Sector-Level Analysis of ISO 9001 and 14001*

**Didier Wayoro**, Senior Researcher, Standards Council of Canada

Discussant: **Areum Ryu**, Fox International Fellow, Yale University

10:30 to 11:00 a.m.

**Break** (Thorne Auditorium Lobby)

11:00 a.m. to 12:15 p.m.

**Session Seven – Panel Discussion on AI & Standards**  
(Thorne Auditorium)

**Moderator: Glynn K. Christian**, Partner, Holland & Knight

**Daniel W. Linna Jr.**, Senior Lecturer & Director of Law and Technology Initiatives, Northwestern Pritzker School of Law & McCormick School of Engineering

**Nelson Rosario**, Partner, Rosario Tech Law, LLC

**Brian Scarpelli**, Senior Global Policy Counsel, ACT | The App Association

12:15 to 1:15 p.m.

**Lunch** (Lanny & Sharon Martin Atrium)

1:15 to 2:45 p.m.

**Session Eight – Standards, Patents, and Innovation** (Thorne Auditorium)

*Identifying Simulation-Based Studies in Standards Contributions: A Natural Language Processing Approach for 3GPP*

**Santiago Bergallo**, BRELA Research in Economics & Legal Analytics

Discussant: **Jorge Lemus**, Department of Economics, University of Illinois, Urbana-Champaign

*A Contribution-Level Analysis of Value Creation in HEVC Standardization*

**Yanis Gamarra**, Technical University of Munich, TUM School of Management, Chair of Management Accounting

Discussant: **John Dubiansky**, Senior Director, Intellectual Property and Standards Policy, Dolby Laboratories Inc.

*Rate-setting for Standard-Essential Patents: International Evidence and Analysis*

**Jorge L. Contreras**, Distinguished University Professor; James T. Jensen Endowed Professor for Transactional Law, University of Utah S.J. Quinney College of Law

Discussant: **Justus Baron**, Director, Research Project on Innovation and Technology Standards, Northwestern Center on Law, Business, and Economics, Northwestern Pritzker School of Law; BRELA Research in Economics & Legal Analytics

2:45 p.m.

**Adjourn**

## WITH THANKS TO OUR 2025 SPONSORS



### Confirmed Attendees (as of October 16, 2025):

1. **Themi Anagnos**, IP Americas, Aumovio Continental
2. **Justus Baron**, Director, Research Project on Innovation and Technology Standards, Northwestern Center on Law, Business, and Economics, Northwestern Pritzker School of Law; BRELA Research in Economics & Legal Analytics
3. **Santiago Bergallo**, BRELA Research in Economics & Legal Analytics
4. **Michela Bonani**, Universitat Pompeu Fabra
5. **Magnus Buggenhagen**, Principal, LexisNexis Intellectual Property Solutions
6. **John Browning**, Vice President, Analysis Group, Inc.
7. **Julie Carlson**, Director, Government Affairs, Qualcomm
8. **Yihan Chen**, External PhD Candidate, Chair of Innovation Economics, Institute of Technology and Management, Technische Universität Berlin
9. **Sylvia Chen**, Patent Counsel, Google
10. **Yihan Chen**, External PhD Candidate, Chair of Innovation Economics, Institute of Technology and Management of the Faculty of Business and Management, Technische Universität
11. **Glynn K. Christian**, Partner, Holland & Knight
12. **Jorge L. Contreras**, Distinguished University Professor; James T. Jensen Endowed Professor for Transactional Law, University of Utah S.J. Quinney College of Law
13. **John Dubiansky**, Senior Director, Intellectual Property and Standards Policy, Dolby Laboratories Inc.
14. **Pietro Fantini**, PhD Candidate, Technical University of Munich, TUM School of Management, Chair for Technology and Innovation Management
15. **Yanis Gamarra**, Technical University of Munich, TUM School of Management, Chair of Management Accounting
16. **Robert Gee**, Telematics IP, Standards, and Government Manager, Continental
17. **Marie Gérardy**, Legal and Policy Officer/Standardisation Desk Officer, European Commission
18. **Demetria Giannisis**, Managing Director, Institute for Quantum Information Research and Engineering, Northwestern University
19. **Filippo Grillo**, Researcher, BRELA Research in Economics & Legal Analytics and Rotterdam School of Management
20. **Stephen Jones**, Associate Professor of Management, Management & Organization Area Coordinator, School of Business, University of Washington Bothell
21. **Tom Kaczmarek**, Senior Intellectual Property Counsel, Aumovio Continental
22. **Myeongwan Kim**, International Economics and Global Security Postdoctoral Fellow, Dartmouth College
23. **John Kolakowski**, Director of Licensing, Head of IP Regulatory Affairs, North America, Nokia Technologies
24. **Jorge Lemus**, Department of Economics, University of Illinois, Urbana-Champaign

25. **Aija Leiponen**, Professor, Dyson School of Applied Economics and Management, SC Johnson College of Business, Cornell University
26. **Diane Liao**, Senior Researcher, Standards Council of Canada
27. **Daniel W. Linna Jr.**, Senior Lecturer & Director of Law and Technology Initiatives, Northwestern Pritzker School of Law & McCormick School of Engineering
28. **Shahrokh Nayeab Nazar**, Senior Director of Technology, Qualcomm
29. **Umberto Nizza**, Post-doc in Economic Law, Department of Law, University of Torino
30. **Wilfried Nonguierma**, Senior Researcher, Office of the CEO, Standards Council of Canada
31. **Nelson Rosario**, Partner, Rosario Tech Law, LLC
32. **Areum Ryu**, Fox International Fellow, Yale University
33. **Jaganath Sankaran**, Associate Professor, Lyndon B. Johnson School of Public Affairs, UT Austin
34. **Brian Scarpelli**, Senior Global Policy Counsel, ACT | The App Association
35. **David L. Schwartz**, William G. and Virginia K. Karnes Professor of Law, Northwestern Pritzker School of Law
36. **Matthew Shi**, Assistant Professor of Economics, Chinese University of Hong Kong (CUHK)
37. **Yuan Tian**, Vice President, Analysis Group, Inc.
38. **Sokol Tominaj**, Research Fellow/PhD Candidate, Technical University of Berlin, Chair of Innovation Economics, Institute of Technology & Management, Technical University of Berlin
39. **William Towns**, Professor, Kellogg School of Management, Northwestern University
40. **Lotta Väänänen**, Vice President, Compass Lexecon, Helsinki
41. **Hao Wan**, PhD student in Applied Economics and Management, Cornell University
42. **Rongzhang Wang**, Vice President, Analysis Group, Inc.
43. **Didier Wayoro**, Senior Researcher, Standards Council of Canada
44. **Jane K. Winn**, Professor of Law, University of Washington School of Law