

**17.447/17.448**

**Cyberpolitics in International Relations**

**READINGS**

## READINGS BY WEEKLY SESSION

| WEEK # | TOPICS  | READINGS   |
|--------|---|--|
|        |   | <p><i>Required</i></p> <p>Abbott, Kenneth W., and Duncan Snidal. "Hard and Soft Law in International Governance." In <i>Legalization and World Politics</i>. Edited by Judith L. Goldstein, Miles Kahler, Robert O. Koehane and Anne Marie Slaughter. MIT Press, 2001, pp. 37–72. ISBN: 9780262571517. [Preview with <a href="#">Google Books</a>]</p> <p>Ostrom, Elinor, Joanna Burger, et al. "<a href="#">Revisiting the Commons: Local Lessons, Global Challenges</a>." <i>Science</i> 284, no. 5412 (1999): 278–82.</p> <p>Braman, Sandra. Chapters 1, 2 and 3 in <a href="#">Change of State: Information, Policy, and Power</a>. MIT Press, 2009. ISBN: 9780262513241.</p>  |
| 1      | Introduction—Cyberspace and International Relations | <p>Jackson, Robert, and Georg Sørensen. Chapters 7 and 8 in <i>Introduction to International Relations: Theories and Approaches</i>. Oxford University Press, 2007. ISBN: 9780199285433. [Preview with <a href="#">Google Books</a>]</p> <p><i>Recommended</i></p> <p>Jackson, Robert, and Georg Sørensen. Chapters 1 and 2 in <i>Introduction to International Relations: Theories and Approaches</i>. Oxford University Press, 2007. ISBN: 9780199285433. [Preview with <a href="#">Google Books</a>]</p> <p>Cassese, Antonio, and Andrew Clapham. "International Law." In <i>The Oxford Companion to Politics of the World</i>. 2nd ed. Edited by Joel Krieger. Oxford University Press, 2001, pp. 408–11. ISBN: 9780195117394. [Preview with <a href="#">Google Books</a>]</p> |

| WEEK # | TOPICS  | READINGS  |
|--------|---|---|
| 2      | Evolution of International Relations—Structure, Process, and Levels of Analysis | <p><i>Required</i></p> <p>Jackson, Robert, and Georg Sørensen. Chapters 10 and 11 in <i>Introduction to International Relations: Theories and Approaches</i>. Oxford University Press, 2007. ISBN: 9780199285433. [Preview with <a href="#">Google Books</a>]</p> <p>Kay, Sean. Chapters 1, 2 and 3 in <i>Global Security in the Twenty-first Century</i>. Rowman and Littlefield Publishers, 2011.</p> <p>Zacher, Mark W. “International Organizations.” In <i>The Oxford Companion to Politics of the World</i>. 2nd ed. Edited by Joel Krieger. Oxford University Press, 2001, pp. 418–20. ISBN: 9780195117394. [Preview with <a href="#">Google Books</a>]</p> <p>Kohl, Uta. Chapter 1 in <i>Jurisdiction and the Internet: Regulatory Competence over Online Activity</i>. Cambridge University Press, 2007. [Preview with <a href="#">Google Books</a>]</p> <p><i>Recommended</i></p> <p>Easton, David. <i>A Systems Analysis of Political Life</i>. John Wiley &amp; Sons, 1965. ISBN: 9780471229407.</p> <p>Eriksson, Johan, and Giampiero Giacomello. “<a href="#">International Relations Theory and Security in the Digital Age</a>.” Paper Presented at the Annual International Studies Association Convention, March 17 20, 2004: Montreal.</p> |
| 3      | The Construction of Cyberspace—Concepts and Complexities                        | <p>Lecture Slides for Week #3 (<a href="#">PDF - 2.9MB</a>)</p> <p><i>Required</i></p> <p>Clark, David D. <i>An Insider’s Guide to the Internet</i>. MIT Computer Science and Artificial Intelligence Laboratory, Version 2.0. Massachusetts Institute of Technology, 2004. (<a href="#">PDF</a>)</p>   |

| WEEK # | TOPICS   | READINGS  |
|--------|--|---|
|        |  | <p>Clark, David D., and Marjory S. Blumenthal. "The End to End Argument and Application Design: The Role of Trust." Internal Draft MIT CSAIL, 2007. (<a href="#">PDF</a>)</p> <p>Kobrin, S. J. "<a href="#">Territoriality and the Governance of Cyberspace.</a>" <i>Journal of International Business Studies</i> 32, no. 4 (2001): 687–704.</p> <p>Skoudis, Edward. "Evolutionary Trends in Cyberspace." In <i>Cyberpower and National Security</i>. Edited by Franklin D. Kramer, Stuart H. Starr and Larry K. Wentz. National Defense University Press and Potomac Books, 2009, pp. 147–70. ISBN: 9781597974233. [Preview with <a href="#">Google Books</a>]</p> <p><i>Recommended</i></p> <p>Talbot, David. "<a href="#">The Internet is Broken.</a>" <i>Technology Review</i>, December 2005/January 2006.</p> <p>Mueller, Milton L. "See Table 8.1 "Stakeholders List in Internet Governance."" In <i>Ruling the Root: Internet Governance and the Taming of Cyberspace</i>. MIT Press, 2004. ISBN: 9780262632980. [Preview with <a href="#">Google Books</a>]</p> <p>Jackson, Robert, and Georg Sørensen. Chapter 3 in <i>Introduction to International Relations: Theories and Approaches</i>. Oxford University Press, 2007. ISBN: 9780199285433. [Preview with <a href="#">Google Books</a>]</p> |
| 4      | Integrating Cyberspace and International Relations | <p>Lecture Slides for Week #4 (<a href="#">PDF - 1.2MB</a>)</p> <p><i>Required</i></p> <p>Choucri, Nazli, and David D. Clark. <i>Cyberspace and International Relations: Toward an Integrated System</i>. Version 8-25 for internal ECIR review, August 2011. ()</p>  |

| WEEK # | TOPICS                           | READINGS  |
|--------|----------------------------------|---|
|        |                                  | <p>Clark, David D., John Wroclawski, et al. "<a href="#">Tussle in Cyberspace: Defining Tomorrow's Internet</a>." <i>IEEE/ACM Transactions on Networking</i> 13, no. 3 (2005): 462–75.</p> <p>Kahler, M., ed. Chapters 1 and 11 in <i>Networked Politics: Agency, Power, and Governance</i>. Cornell University Press, 2009. ISBN: 9780801474767.</p> <p>Wingfield, Thomas C. "International Law and Information Operations." In <i>Cyberpower and National Security</i>. Edited by Franklin D. Kramer, Stuart H. Starr and Larry K. Wentz. National Defense University Press and Potomac Books, 2009, pp. 525–42. ISBN: 9781597974233. [Preview with <a href="#">Google Books</a>]</p> <p>Benkler, Yochai. "<a href="#">WikiLeaks and the PROTECT-IP Act: A New Public-Private Threat to the Internet Commons</a>." <i>Daedalus, MIT Press</i> 140, no. 4 (2011): 154–64.</p> <p>Levchenko, K., Andreas Pitsillidis, et al. "Click Trajectories: End-to-End Analysis of the Spam Value Chain." <i>Proceedings of the IEEE Symposium on Security and Privacy</i>. Oakland, California, 2011, pp. 431–46. (<a href="#">PDF - 2.3MB</a>)</p> <p><i>Recommended</i></p> <p>Reidenberg, J. R. "<a href="#">Technology and Internet Jurisdiction</a>." <i>University of Pennsylvania Law Review</i> 153 (2005): 1951.</p> <p>Zittrain, Jonathan L. <i>Internet Law Jurisdiction (Internet Law Series)</i>. Foundation Press, 2005.</p> |
| 5      | Globalization and Transformation | <p><i>Required</i></p> <p>Benkler, Y. Chapters 2 and 4 in <i>The Wealth of Networks: How Social Production Transforms Markets and Freedom</i>. Yale University Press, 2007. ISBN: 9780300125771.</p>  |

| WEEK # | TOPICS   | READINGS   |
|--------|--|--|
|        |  | <p>Cerny, Philip G. "<a href="#">Globalization and the Changing Logic of Collective Action</a>." <i>International Organization</i> 49, no. 4 (1995): 595–625.</p> <p>Hess, Charlotte, and Elinor Ostrom, eds. Chapters 1 and 3 in <i>Understanding Knowledge as a Commons: From Theory to Practice</i>. MIT Press, 2006. ISBN: 9780262083577.</p> <p>Mayer, Franz C. "<a href="#">Review Essay The Internet and Public International Law—Worlds Apart?</a>." <i>European Journal of International Law</i> 12, no. 3 (2001): 617–22.</p> <p><i>Recommended</i></p> <p>Jackson, Robert, and Georg Sørensen. Chapters 7 and 8 in <i>Introduction to International Relations: Theories and Approaches</i>. Oxford University Press, 2007. ISBN: 9780199285433. [Preview with <a href="#">Google Books</a>]</p> |
| 6      | Contending Theories of International Relations | <p><i>Required</i></p> <p>Dunne, Tim, Milja Kurki, and Steve Smith, eds. Chapters 3, 4, 5, 6 and 9 in <i>International Relations Theories: Discipline and Diversity</i>. Oxford University Press, 2010. ISBN: 9780199548866.</p> <p>Shepsle, Kenneth A. "<a href="#">Studying Institutions: Some Lessons from the Rational Choice Approach</a>." <i>Journal of Theoretical Politics</i> 1, no. 2 (1989): 131–47.</p> <p>Choucri, Nazli, and Robert C. North. "Lateral Pressure Theory in International Relations: Concept and Theory." In <i>Handbook of War Studies</i>. Edited by Manus I. Midlarsky. Unwin Hyman, 1989, pp. 289–326. ISBN: 9780044970552.</p>   |

| WEEK # | TOPICS  | READINGS   |
|--------|---|--|
|        |   | <p><i>Recommended</i></p> <p>Grieco, Joseph M. “<a href="#">Anarchy and the Limits of Cooperation: A Realist Critique of the Newest Liberal Institutionalism.</a>” <i>International Organization</i> 42, no. 3 (1988): 485–507.</p> <p>Choucri, Nazli. “The Theory of Lateral Pressure: Highlights.” <i>MIT</i>. Unpublished note, 2011.</p>   |
| 7      | Expansion of Cyber Access—<br>Evolving Parameters and Power<br>Potentials | <p><i>Required</i></p> <p><i>Required reading related to Professor Madnick’s lecture:</i></p> <p>Madnick, Stuart, Xitong Li, and Nazli Choucri. “Experiences and Challenges with Using CERT Data to Analyze International Cyber Security.” <i>Working Paper CISL#2009-13</i>, September 2009. (<a href="#">PDF</a>)</p> <p>Anderson, Ross, and Tyler Moore. “<a href="#">The Economics of Information Security.</a>” <i>Science</i> 314, no. 5799 (2006): 610–3.</p> <p>Kohl, Uta. Chapter 4 in <i>Jurisdiction and the Internet: Regulatory Competence over Online Activity</i>. Cambridge University Press, 2007. [Preview with <a href="#">Google Books</a>]</p> <p>Mueller, Milton, and Mawaki Chango. “<a href="#">Disrupting Global Governance: The Internet Whois Service, ICANN, and Privacy.</a>” <i>Journal of Information Technology and Politics</i> 5, no. 3 (2008): 303–25.</p> <p>Lessig, L. “<a href="#">The Zones of Cyberspace.</a>” <i>Stanford Law Review</i> 48, no. 5 (1996): 1403–11.</p> <p><i>Recommended</i></p> <p><i>Recommended reading related to Professor Madnick’s lecture:</i></p> |

| WEEK # | TOPICS  | READINGS   |
|--------|---|--|
|        |   | <p>Ferwerda, Jeremy, Nazli Choucri, and Stuart Madnick. "Institutional Foundations for Cyber Security: Current Responses and New Challenges." <i>Working Paper CISL#2009-03</i>, September 2010. (<a href="#">PDF</a>)</p> <p>Borgatti, Stephen P., Ajay Mehra, et al. "<a href="#">Network Analysis in the Social Sciences</a>." <i>Science</i> 323, no. 5916 (2009): 892–5.</p> <p>Lessing, Lawrence. Chapter 6 in <i>Remix: Making Art and Commerce Thrive in the Hybrid Economy</i>. Penguin Press, 2008.</p>  |
| 8      | Cyber Conflicts and Threats to Security—Types & Cases | <p><i>Required</i></p> <p>Benkler, Y. "<a href="#">The Battle Over the Institutional Ecosystem in the Digital Environment</a>." <i>Communications of the ACM</i> 44, no. 2 (2001): 84–90.</p> <p>Knake, Robert K. "<a href="#">Internet Governance in an Age of Cyber Insecurity</a>." <i>Council on Foreign Relations</i>, Council Special Report No. 56, September 2010.</p> <p>Kugler, Richard L. "Deterrence of Cyber Attacks." In <i>Cyberpower and National Security</i>. Edited by Franklin D. Kramer, Stuart H. Starr and Larry K. Wentz. National Defense University Press and Potomac Books, 2009, pp. 309–40. ISBN: 9781597974233. [Preview with <a href="#">Google Books</a>]</p> <p>Latham, Robert, ed. Chapters 7, 11 and 12 in <i>Bombs and Bandwidth: The Emerging Relationship Between Information Technology and Security</i>. New Press, 2003. ISBN: 9781565848627.</p> <p><i>Recommended</i></p> <p>Lessig, L. <i>Code and Other Laws of Cyberspace</i>. Basic Books, 1999. ISBN: 9780465039128.</p> |



| WEEK # | TOPICS   | READINGS   |
|--------|--|--|
| 9      | Cyber Cooperation and Modes of Collaboration—Types & Cases | <p><i>Required</i></p> <p>David, Paul A. “Toward a Cyber a Cyberinfrastructure for Enhanced Scientific Collaboration: Providing Its ‘Soft’ Foundation May Be the Hardest Part.” In <i>Advancing Knowledge and the Knowledge Economy</i>. Edited by Brian Kahin and Dominique Foray. MIT Press, 2006, pp. 431–53. ISBN: 9780262612142.</p> <p>Livnat, Adi, and Marcus W. Feldman. “<a href="#">The Evolution of Cooperation on the Internet</a>.” <i>Complexity</i> 6, no. 6 (2001): 19–23.</p> <p>Reidenberg, J. R. “<a href="#">Resolving Conflicting International Data Privacy Rules in Cyberspace</a>.” <i>Stanford Law Review</i> 52, no. 5 (2000): 1315–71.</p> <p>Solum, Lawrence B. “<a href="#">Models of Internet Governance</a>.” Public Law Research Paper No. 07-25 and Law &amp; Economic Research Paper No. LE08-027, September 3, 2008, Champaign, University of Illinois.</p> <p><i>Recommended</i></p> <p>Souter, David. “Louder Voices” and “The International Debate on Developing Country Participation in ICT Decision-Making.” In <i>Governing Global Electronic Networks: International Perspectives on Policy and Power (The Information Revolution and Global Politics)</i>. Edited by W. J. Drake and E. J. Wilson. MIT Press, 2008. ISBN: 9780262042512.</p> |
| 10     | Comparative Analysis and Cases in Context                  | <p><i>Required</i></p> <p>Reidenberg, J. R. “<a href="#">The Yahoo Case and the International Democratization of the Internet</a>.” <i>SSRN eLibrary</i>, April 2001.</p> <p>Johnson, David R., and David G. Post. “<a href="#">Law and Borders—The Rise of Law in Cyberspace</a>.” <i>Stanford Law Review</i> 48 (1996): 1367–402.</p>  |

| WEEK # | TOPICS   | READINGS  |
|--------|--|---|
|        |  | <p>Maclean, Don. "Sovereign Right and the Dynamics of Power in the ITU: Lessons in the Quest for Inclusive Global Governance." In <i>Governing Global Electronic Networks: International Perspectives on Policy and Power (Information Revolution and Global Politics)</i>. Edited by William J. Drake and Ernest J. Wilson III. MIT Press, 2008, pp. 84–126. ISBN: 9780262042512.</p> <p>Kohl, Uta. Chapters 4 and 5 in <i>Jurisdiction and the Internet: Regulatory Competence over Online Activity</i>. Cambridge University Press, 2007. [Preview with <a href="#">Google Books</a>]</p> <p><i>Recommended</i></p> <p>Mahoney, James, and Kathleen Thelen, eds. Chapter 1 in <i>Explaining Institutional Change: Ambiguity, Agency, and Power</i>. Cambridge University Press, 2009. ISBN: 9780521134323.</p> <p>Simon, Herbert A. <i>The Sciences of the Artificial</i>. 2nd ed. MIT press, 1981. ISBN: 9780262191937.</p> |
| 11     | International Institutional Challenges Re-Visited—Sovereign States, Private Order, ad hoc Arrangements | <p><i>Required</i></p> <p>Caral, J. "<a href="#">Lessons from ICANN: Is Self-Regulation of the Internet Fundamentally Flawed?</a>" <i>International Journal of Law and Information Technology</i> 12, no. 1 (2004): 1–31.</p> <p>Büthe, Tim, and Walter Matti. Chapters 2, 3 and 9 in <i>The New Global Rulers: The Privatization of Regulation in the World Economy</i>. Princeton University Press, 2011. ISBN: 9780691144795. [Preview with <a href="#">Google Books</a>]</p> <p>Hall, R. B., and T. J. Biersteker. <i>The Emergence of Private Authority in Global Governance (Cambridge Studies in International Relations)</i>. Cambridge University Press, 2003. ISBN: 9780521523370. [Preview with <a href="#">Google Books</a>]</p>  |

**WEEK #****TOPICS****READINGS***Recommended*

Powell, M. J. "[Professional Innovation: Corporate Lawyers and Private Lawmaking.](#)" *Law & Social Inquiry* 18, no. 3 (1993): 423–52.

Froomkin, M. "[Wrong Turn in Cyberspace: Using ICANN to Route Around the APA and the Constitution.](#)" *Duke Law Journal* 50, no. 1 (2000): 17–186.

*Required*

Arzberger, Peter, Peter Schroeder, et al. "[An International Framework to Promote Access to Data.](#)" *Science* 303, no. 5665 (2004): 1777–8.

Blumenthal, Marjory S., and David D. Clark. "The Future of the Internet and Cyberpower." In *Cyberpower and National Security*. Edited by Franklin D. Kramer, Stuart H. Starr and Larry K. Wentz. National Defense University Press and Potomac Books, 2009, pp. 206–50. ISBN: 9781597974233. [Preview with [Google Books](#)]

12

Global Agenda—Emergent Accord & New Discord

Lazer, David, Alex Pentland, et al. "[Computational Social Science.](#)" *Science* 323, no. 5915 (2009): 721–3.

Wilson, Ernest J. "Conclusion: Governance of Global Electronic Networks." In *Governing Global Electronic Networks: International Perspectives on Policy and Power (The Information Revolution and Global Politics)*. Edited by W. J. Drake and E. J. Wilson. MIT Press, 2008. ISBN: 9780262042512.

*Recommended*

Capra, Fritjof. *The Hidden Connections: Integrating The Biological, Cognitive, And Social Dimensions Of Life Into A Science Of Sustainability*. Doubleday Books, 2002. ISBN: 9780385494717.

| WEEK # | TOPICS   | READINGS   |
|--------|--|--|
| 13     | Alternative Futures—Vision, Principles, Trajectories | <p>Newman, Mark. "<a href="#">The Structure and Function of Complex Networks</a>." <i>SIAM Review</i> 45, no. 2 (2003): 167–256.</p> <p><i>Required</i></p> <p>Gewin, Virginia. "<a href="#">All Living Things, Online</a>." <i>Nature</i> 418, no. 6896 (2002): 362–3.</p> <p>Giles, Jim. "<a href="#">Scientific Uncertainty: When Doubt is a Sure Thing</a>." <i>Nature</i> 418 (2002): 476–8.</p> <p>Greenstein, Ran, and Anriette Esterhuysen. "The Right to Development in the Information Society." Chapters 4, 8 and 12 in <i>Human Rights in the Global Information Society</i>. Edited by Rikke Frank Jørgensen. MIT Press, 2006. ISBN: 9780262101158.</p> <p>Zittrain, Jonathan L. "<a href="#">The Generative Internet</a>." <i>Harvard Law Journal</i> 119 (2006).</p> <p><i>Recommended</i></p> <p>Zittrain, Jonathan L. <i>The Future of the Internet—And How to Stop It</i>. Yale University Press, 2008. ISBN: 9780300124873. [Preview with <a href="#">Google Books</a>]</p> |