

# Advanced Workshop in Regulation and Competition 1996-1997

---

## NETWORK INDUSTRIES IN TRANSITION

### Newark Meetings

November 15, 1996 • January 17, 1997 • April 18, 1997

### 16th Annual Conference

Lake George, New York • May 21-23, 1997

including the Third Annual Conference of the  
**HEALTH CARE POLICY AND REGULATION**

### 10th Annual Western Conference

San Diego, California • July 9-11, 1997

*The workshop will provide the following benefits to participants and their employers:*

- *Instruction in topics related to competition and regulation.*
- *Interaction among academic researchers, industry managers, and staff of regulatory commissions to promote better communication and exchange of ideas.*
- *Improved awareness by industry and commissions of research developments at universities that may be relevant to solving current problems.*
- *Opportunities to contribute and improved access to the literature of regulatory economics.*
- *Opportunities to analyze and develop regulatory and company strategies in network industries facing competition.*

**CENTER FOR RESEARCH IN REGULATED INDUSTRIES**

THE STATE UNIVERSITY OF NEW JERSEY  
**RUTGERS**

## ADVANCED WORKSHOP IN REGULATION AND COMPETITION

Network industries—telecommunications, electricity, gas, water, etc.—are currently undergoing major changes, the most significant being the entry of competitors and the substitution of price-cap regulation for traditional cost-of-service or rate-of-return regulation. The Workshop presents some of the latest economic thinking used to analyze major current problems of network industries. Competition, incentives for efficiency and the increased use of market rather than regulatory processes outline in very broad terms the material to be covered. In addition, the Workshop will provide some of the latest legal thinking and its economic impact upon the increasingly competitive environment of network industries.

**Health Economics and Regulation Program:** The 16th Annual Conference will feature concurrent sessions on Health Care Policy and Regulation. It provides a forum for individuals from a wide range of disciplines and interests to discuss health care policy and regulation.

### OBJECTIVE

To promote a better understanding amongst company managers, regulatory staff and academics of the economic forces currently shaping network industries, to develop and enhance the role of competition and its interaction with regulation in network industries and regulatory bodies.

### WHO SHOULD ATTEND?

Individuals interested in developing a better understanding of competition in network industries and applying it in their company or regulatory commission.

### APPROACH

The Workshop is organized annually as three one-day meetings combined with a two-day conference in the Eastern U.S. and a second two-day conference on the West Coast. The meeting format is designed to allow for both presentation of recent research and the open discussion of new ideas. The topics covered provide not only the latest research on competitive developments in network industries, but also instruction on subjects required for a better understanding of competition.

### SCHEDULE AND TOPICS OF THE 1996-1997 WORKSHOP

Three one-day meetings held at Rutgers University, School of Management, Newark, NJ, beginning at 10:00 a.m. and ending at 4:00 p.m. :

#### November 15, 1996

**William Kovacic** (*George Mason University*): Regulation and Antitrust in Newly Competitive Industries

**William Kovacic**: The 'Takings' Doctrine and Network Industries

**David Salant** (*Charles River Associates*): Spectrum Auctions and Stranded Assets Auctions

#### January 17, 1997

**Dungjong Wu** (*Drexel University*): Neural Networks and Genetic Programming with Implications for Network Industries

**Peter Spinney** (*Charles River Associates*): Discussion and Applications

**William Deehan and Peter Lena** (*Central Vermont Public Service*): Innovative Electric Rate Structures under Competition

#### April 18, 1997

**Shashidhar Murthy** (*Rutgers University*): Introduction to Derivative Securities

**Richard Simnett and Padmanabhan Srinagesh** (*Bellcore*): Applications in Network Industries

**Miles Bidwell** (*Bidwell Associates*) and **Carl Pechman** (*NYS Dept. of Public Service*): Creating New Markets: the Role of Power Exchanges, ISO's and Reliability

**Michael Crew** (*Rutgers University*) and **Paul Kleindorfer** (*University of Pennsylvania*): Universal Service Obligations and Competition

#### The 16th Annual Conference

Sagamore Hotel, Lake George, New York, 4:00 p.m., Wednesday, May 21, through 1:00 p.m., Friday, May 23, 1997.

#### The 10th Annual Western Conference

Catamaran Hotel, San Diego, California, 4:00 p.m. Wednesday, July 9, through 2:00 p.m., Friday, July 11, 1997.

## CENTER FOR RESEARCH IN REGULATED INDUSTRIES

The *Center for Research in Regulated Industries*, located at Rutgers University, aims to further the study of regulation by research in economics, finance, and institutions. Its publications, seminars, workshops, and courses make available the latest advances to academics, managers, and regulatory commission staff. The Center has almost twenty years of experience providing research, instruction, conferences, courses, seminars and workshops in the economics of network industries. The Center's *Journal of Regulatory Economics* is an international scholarly bi-monthly publication intended to provide a forum for the highest quality research in regulatory economics.

**Michael A. Crew:** Professor of Economics, School of Management, Rutgers University and Director of the Center for Research in Regulated Industries.

**Paul R. Kleindorfer:** Universal Furniture Professor of Economics and Decision Sciences, University of Pennsylvania.

**William E. Kovacic:** Professor of Law, George Mason University, School of Law.

**Frank A. Wolak:** Associate Professor of Economics, Stanford University.

**Robert H. Patrick:** Associate Professor of Economics, School of Management, Rutgers University and Associate Director of the Center for Research in Regulated Industries.

**Associated Rutgers University Faculty:**

**Ronald Harstad,** Associate Professor of Economics, School of Management

**Shashidhar Murthy,** Assistant Professor of Economics, School of Management

**Michael Rothkopf,** Professor of Operations Research, School of Business

**Emilio Venezian,** Associate Professor of Economics, School of Management

## WORKSHOP ORGANIZING COMMITTEE

Miles O. Bidwell

Lawrence J. Cataldo (Bellcore)

Lawrence P. Cole (GTE Laboratories)

Kent Currie (Ameritech)

Michael Crew (Rutgers University)

William Deehan (Cen. Vermont Pub. Serv.)

Brenda Kahn (AT&T)

John Kling

David Korn (AT&T)

Alexander Larson (Southwestern Bell)

Robert A. Levin (NY Mercantile Exchange)

Colin Loxley (Public Service Electric & Gas)

Arthur W. McGrath (NYNEX—NY)

Richard Michelfelder (Atlantic Electric)

Robert Patrick (Rutgers University)

Carl Pechman (NY Pub. Service Comm.)

David Pitcher (Bell Atlantic)

Mark Reeder (NY Pub. Service Comm.)

Joseph Schuh (Rutgers University)

David Salant (Charles River Associates)

Richard Simnett (Bellcore)

## WESTERN CONFERENCE ORGANIZING COMMITTEE

Jasmin Ansar (Pacific Gas & Electric)

Michael Crew (Rutgers University)

Fred Curry (California Pub. Util. Comm.)

John Jurewitz (Southern California Edison)

Dennis Keane (Pacific Gas & Electric)

William Kovacic (George Mason Univ.)

Alexander Larson (Southwestern Bell)

James Lechtenberg (Pacific Bell Tel.)

Robert Patrick (Rutgers University)

Cliff Rochlin (Southern California Gas)

Larry Schelhorse (San Diego Gas & Elec.)

Frank Wolak (Stanford University)

### PARTICIPATING ORGANIZATIONS

#### Gas & Electric Utility Companies

Atlantic Electric Company • Baltimore Gas & Electric Company • Boston Edison Company • Brooklyn Union Gas Company • Central Hudson Gas & Electric Company • Central Vermont Public Service Corp. • Consolidated Edison of New York • Coastal Gas Markets • Duke Power Company • Eastern Utilities • Elizabethtown Gas Company • Gas Company of New Mexico • Georgia Power Company • GPU Service Corporation • Green Mountain Power Corp. • Independent Power Producers of New York • Jersey Central Power & Light Company • Louisiana Power & Light Company • Long Island Lighting Company • Michigan Consolidated Gas • Middle South Services • Mississippi Power & Light Company • Missouri Public Service • Montana Power Company • New England Electric • New England Power Services Corporation • New York Power Pool • New York State Electric & Gas Company • Niagara Mohawk Power Corporation • Northeast Utilities Service Company • Orange and Rockland Utilities • Pacific Gas and Electric Company • PECO Energy • Portland General Electric • Public Service Company of Colorado • Public Service Electric & Gas Company • Rochester Gas & Electric Company • San Diego Gas and Electric Company • South Carolina Electric & Gas • Southern California Edison • Southern California Gas Company • Southern Company • Southern Connecticut Gas Company • Texas Utilities • Utilicorp United • Wisconsin Electric Power

#### Telephone Companies

Ameritech Services • AT&T • AT&T Bell Laboratories • AT&T Communications • Bell Atlantic • Bell Canada • Bell Communications Research • Bell of Pennsylvania • Bell South • Chesapeake & Potomac Telephone • Diamond State Telephone • Edmonton Telephones Corp. • General Telephone Company of California • GTE Corporation • GTE Laboratories • Illinois Bell Telephone Company • Indiana Bell Telephone Company • MCI • Michigan Bell Telephone Company • Mountain Bell Telephone Company • New England Telephone Company • New Jersey Bell Telephone Company • New York Telephone Company • Northwestern Bell Telephone Company • NYNEX Corporation • NYNEX Service Company • Ohio Bell Telephone Company • Pacific Bell Telephone Company • PacificNorthwestern Bell Telephone Company • Pacific Telecom • Rochester Telephone • Southern Bell Telephone Company • Southern New England Telephone Company • Southwestern Bell Telephone Company • United Telephone Systems • US Sprint • US West, Incorporated

#### Public and Regulatory Agencies

Alabama Public Service Commission • Bonneville Power Administration • California Energy Commission • California Public Utilities Commission • Canadian National Energy Board • Colorado Department of Law • Connecticut Division of Public Utility Control • Connecticut Office of Policy and Management • Delaware Office of the Public Advocate • District of Columbia Public Service Commission • Florida Public Service Commission • Idaho Public Utility Commission • Illinois Commerce Commission • Iowa State Utilities Board • Los Angeles Department of Water & Power • Maryland Public Service Commission • Massachusetts Department of Public Utilities • Minnesota Department of Public Service • Montana Public Service Commission • National Energy Board of Canada • Nevada Public Service Commission • New Hampshire Public Utilities Commission • New Jersey Board of Regulatory Commissioners • New Jersey Dept. of Environmental Protection • New Jersey Public Advocate • New Mexico Public Service Commission • New York State Consumer Protection Board • New York State Department of Law • New York State Department of Economic Development • New York State Energy Office • New York State Energy Research & Development Authority • New York State Public Service Commission • Ohio Public Utility Commission • Oklahoma Corporation Commission • Oregon Public Utility Commission • Public Power Council • Sacramento Municipal Utility District • Tennessee Public Service Commission • Texas Public Utilities Commission • U.S. Bureau of Labor Statistics • U.S. Department of Energy • U.S. Energy Information Administration • U.S. Federal Communications Commission • U.S. Federal Energy Regulatory Commission • U.S. Federal Trade Commission • U.S. Postal Rate Commission • V.A. Medical Center • Vermont Public Service Commission • Virginia State Corporation Commission • Washington Utilities & Transportation Commission • Wisconsin Public Service Commission

#### Other Organizations

American Gas Association • Analysis Group • Applied Economic Analysis • Applied Energy Group • Barakat & Chamberlin • Brattle Group • Cambridge Systematics • Charles River Associates • Christensen Associates • CInergy • Coopers & Lybrand • Economic Decisions • Economic Studies, Inc. • Electric Power Research Institute • Energy Management Association • Hackensack Water Company • Heiden Associates, Inc. • INDETEC • Institute for Defense Analysis • International Express Carriers Conference • Korean Information Society Development Institute • Metering Services, Inc. • National Economic Research Associates • National Exchange Carriers Association • National Regulatory Research Institute • National Renewable Energy Lab • New Jersey—American Water • Paul, Weiss, Rifkind, Wharton & Garrison • Peat Marwick • Price Waterhouse • PSI Energy • Reason Foundation • Regional Economic Research • Research Triangle Institute • Resources for the Future • Site Energies • Richard Silkman Associates • Small, Craig and Werkenthin • Strategy, Inc. • Synergic Resources Corp. • Telesector Resources Group • U.S. Department of Veteran's Affairs • United States Postal Service • United Water Resources • WIK Institute • Xenergy

## CALL FOR PAPERS

Persons interested in presenting papers are invited to submit abstracts not exceeding two double-spaced pages for consideration for either of the two conferences. Abstracts for the 10th Annual Western Conference are due **November 25, 1996** and those for the 16th Annual Conference are due **December 20, 1996**. Abstracts on Health Care are invited for the 16th Annual Conference (to be presented during concurrent sessions). Please indicate the conference for which you are applying and whether you would be prepared to present the paper at either one. Abstracts may be faxed to 201-648-1348 or e-mailed to lbrennan@gsmack.rutgers.edu.

The Workshop Organizing Committee is responsible for the selection of the 16th Annual Conference program. The Western Committee is responsible for selection of the Western Conference program. Decisions on the papers will be conveyed promptly. Copies of the completed papers are due by **April 15, 1997**, for the Eastern Conference and **May 15, 1997**, for the Western.

All persons presenting papers are required to register for the conference at the reduced enrollment fee of \$640 (govt. \$320) for the Eastern and \$680 (govt. \$360) for the Western Conference, provided that completed application forms are received by February 28, 1997. After this date, the full conference fee will apply. In the case of full-time faculty of colleges and universities selected for the program, an honorarium plus full support for registration and lodging may be available.

## CONTACTING THE CENTER FOR RESEARCH IN REGULATED INDUSTRIES

Home page: <http://www.rci.rutgers.edu/~lbrennan/crri.html>

Address: School of Management • 180 University Avenue • Newark, NJ 07102

Phone: 201-648-5049 (office) • 201-648-1348 (fax)

E-mail: lbrennan@gsmack.rutgers.edu (Linda Brennan) or mcrew@gsmack.rutgers.edu (Michael Crew)

## REGISTRATION INFORMATION

To register, please complete and return the form below. Registrations are accepted by mail, e-mail, fax, and telephone. Please confirm telephone registrations by sending in a completed and signed application form. The deadline for Workshop applications is October 31, 1996. Applications received after October 31, 1996, will be admitted on a space available basis.

**Volume Discount:** Second and subsequent applications received in the same envelope or fax or made at the same time by phone or e-mail will receive a 5% volume discount.

**Payment Information:** Make checks payable to "Rutgers University" and mail to Linda Brennan at above address. Credit cards not accepted for payment of registration fees. Fees include prescribed learning materials, meals at the Newark meetings, all receptions, and coffee breaks, but do not include lodging and meals at the residential meetings. The government rate registration fee is available to government employees. Rates for the Annual Conference and Western Conference apply only for applications received by December 31, 1996; after this date full rates of apply.

### REGISTRATION FORM: Advanced Workshop in Regulation and Competition 1996-1997

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

#### Package:

- Workshop I (\$580/Gov. \$290): Newark sessions ONLY
- Single Newark Session (\$295/Gov. \$150):
- November 15, 1996
  - January 17, 1997
  - April 18, 1997
- Workshop II (\$885/Gov. \$445): Newark sessions and ONE conference:
- 16th Annual Conference (May 1997)
  - 10th Annual Western Conference (July 1997)
- Workshop III (\$1165/Gov. \$585): Newark sessions and BOTH conferences
- 16th Annual Conference ONLY (\$670/Gov. \$335)
  - 10th Annual Western Conference ONLY (\$710/Gov. \$375)

**GOVERNMENT RATE:** Government employees may apply for reduced enrollment fees.

I would like to apply for the government rate.

**CANCELLATION POLICY:** Until October 31, 1996 cancellation is allowed without penalty and refunds will be allowed in full. After this date the indicated fee is due in full whether or not the participant actually attends. Substitutions may be made at any time.

Signature of Participant: \_\_\_\_\_