AN EAST-WEST EXPERT DIALOGUE:
REGULATION AND TELECOMMUNICATIONS
MARKET DEVELOPMENT IN CHINA

Speaker Biographies

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Chinese Speakers

Dr. Jinqiao Chen, Director, Institute of Telecommunication Policy, China Academy of Communication Research

Currently Director of the Institute of Telecommunication Policy Research Department at the China Academy of Telecommunication Research of Ministry of Information Industry (MII), Jinqiao Chen, is a Senior Engineer and Economics doctorate. He is also a Commissioner of the Telecommunication Economic Expert Committee of MII and a member of the MII Consultant Group of Communication Technology Committee. He began his career at CATR in 1998. His main research fields are framing national development strategies and medium-long term plans for the telecommunications industry; consulting on industrial policies and regulations for businesses; and providing advice for the regulatory agency in legislation and administration. Dr. Chen has gained an in-depth understanding and mastery in development rules and future trends of the telecommunications industry in China and has presided over a series of significant research projects in the telecommunications field. In 2001, he joined the study group of ITU-T and ITU-D as a member of the Chinese delegation, and also carried out some projects of the UNDP in researching the building of the Information Society and the further development of global telecommunication industry and regulatory policy.

Dr. Kaili Kan, Professor & Director, Policy & Development Institute of Information Industries, Beijing University of Posts & Telecommunications (BUPT)

Professor Kaili Kan is currently Director of the Policy & Development Institute of Information Industries (PDIII) at Beijing Univ. of Posts & Telecommunications (BUPT). Dr. Kan received his Ph.D. in 1984 from Stanford University, after which he worked as manager of Strategic Technology Assessment at Pacific Bell, Special Advisor to ChinaSat, and consultant for the World Bank. Since 1987, as Deputy Director of the Economic & Technological Development Research Center (ETDRC) of China Ministry of Posts & Telecommunications (MPT), Dr. Kan was responsible for research on telecommunication policy and development strategy for over a decade. Dr. Kan also holds a number of other positions, including member of the advisory
committee for China’s telecommunication law, advisor to the State Planning Commission’s Pricing consultative committee, and consultant for the State Development Bank.

Dr. Tingjie Lu, Professor & Dean, School of Economics & Management Science, Beijing University of Posts & Telecommunications (BUPT)

Dr. Tingjie Lu is Professor and Dean of the School of Economics & Management Science, and Executive Dean of the Graduate School, Beijing University of Posts and Telecommunications (BUPT). He is a Member of the MII Consulting Committee on Telecommunications Economics, a Fellow of the China Institute of Communications, a Fellow of the Operations Research Society of China, and a Member of the Institute of China Social and Economics System Engineering. Among other research activities, he was a participant of the Study of Chinese 3G Strategy sponsored by the Information Office of the State Council, and Manager of studies on: China E-Business Strategy; Strategies for the Entry of Private Companies into the China Telecommunications Market; and, Interconnection Policy and Asymmetric Regulation in the Chinese Telecommunications Industry. His areas of specialization include telecommunications economics, management science and electronic business. Dr. Lu is the author of five monographs and more than thirty papers on economics, electronics industries and telecommunications in China. Dean Lu holds a Ph.D. from Kyoto University, M.A. in Management Science and B.A. in Engineering from BUPT.

Dr. Jun Ma, Research Fellow, Development & Research Institute of State Council

Dr. Jun Ma is a senior researcher at the Development Research Center of the State Council of China, a famous think-tank serving to support Chinese central government decision-making. He intensively studies policies concerning natural monopolistic industries in China, such as telecommunications and electricity. Dr. Ma twice received the China Development Research Award for valuable policy studies.

Dr. Zhanhong Xin, Professor & Executive Dean of Economics & Management School, Beijing University of Posts and Telecommunications (BUPT)

Professor Xin is a famous scholar in application of Operations Research in China and was an honorary research fellow of Lancaster University in 1987-1988. Recently, his interest was transferred to economics of telecommunication regulation because of his good background in mathematics and economics. He translated a famous monograph: Cost Proxy Models and Telecommunications Policy - A New Empirical Approach to Regulation written by F. Gasmi, D. M. Kennet and J. J. Laffont and wrote a book on Strategic Management of Telecommunication Company in 2002. Professor Xin now hosts a key program of Ministry of Education Economics of Regulation and Telecommunication Industry, and the National Nature Science Foundation Program: Economics Base of Telecommunication Regulation - network cost simulating method is going to be approved in 2004, in which Chinese telecommunication network cost simulation model will be developed to help telecommunication regulation policy research. From 2000 to present, Professor Xin has finished the strategic consultations for Chinese Telecom, Chinese Mobil and Chinese Unicom with Professor Tingjie Lu and other famous professors at his university.

Dr. Xinzhu Zhang, Professor & Director, Research Center for Regulation and Competition, Chinese Academy of Social Sciences

Xinzhu Zhang is Professor of Economics at the Institute of Quantitative & Technical Economics, Chinese Academy of Social Sciences. He is the Founder and Director of the Research Center for Regulation and Competition, which is affiliated to the Chinese Academy of Social Sciences.
Dr. Zhang received his Ph.D. in Economics in Toulouse in 1997. Related positions he holds include: member of the Advisory Committee for the Telecommunications Act; Member of the Advisory Committee for the State Informationization Office; Vice Director of the Policy Group on Telecommunications Technologies of the Ministry of Information Industries; and Member of the Advisory Committee for the Doha WTO Negotiation on Competition Policy. He is author of four books and has published extensively in both domestic and international academic journals in such fields as applied incentive theory; theory of regulation; and regulation and competition policy in China, particularly in telecommunications, electricity, and railways. He has been actively involved in advising the telecom regulator on regulatory reform and is leading a project on interconnection costing and pricing.

Professor Bin Zhang, Senior Academic Liaison, Beijing University of Posts & Telecommunications (BUPT)

Professor Zhang, Bin is a Professor in the School of Economics and Management of the Beijing University of Posts and Telecommunications and a Director of the School's Value-Added Service Research Center. During academic year 2003-2004, she was a Visiting Scholar at the Institute for Information Policy at the Pennsylvania State University on a grant funded by the China Scholarship Council. Her research specializes in telecommunications policy and telecommunications network and service management. She has published extensively on those and related topics. She holds a Ph.D. in Management Science and Engineering, an M.S. in Management Engineering, and a B.S. in Telecommunications Engineering, all from the Beijing University of Posts and Telecommunications. She is serving as B.U.P.T.'s Senior Academic Liaison for the organization and implementation of the East-West Dialogue.

Dr. Jibing “Jasper” Li, Senior Director, Strategic Planning, UTStarcom (China) Ltd.

Mr. Li is the Strategic Planning at UTStarcom (China) Ltd. and Chief Economist at China United Telecommunications Corporation (Unicom Group). Mr. Li currently serves as Commissioner for the National Expert Commission on Telecommunication Economy. He is also the Chief Advisor at the International Lab on Electromagnetic Field Theory and Application at the Beijing University of Post and Telecommunication and has been a Visiting Professor at various universities within China. In the 1990s, Mr. Li was employed in the United States as a Senior Economist at both the Montana Public Utility Commission and U.S. Department of the Navy in Washington, D.C. where he received a performance award. He was also the Principal Economist at Virginia State Corporation Commission. Mr. Li received his B.S. in Mechanical Engineering at Beijing Jiaotong University. Besides taking numerous Ph.D. study courses, Mr. Li obtained his M.S. in Regulatory Economics at University of Wyoming.

American Speakers

Dr. Yale M. Braunstein, Professor, School of Information Management & Systems, University of California, Berkeley

Yale Braunstein is Professor of Information Management and Systems at the University of California, Berkeley. (URL: http://www.sims.berkeley.edu/~bigyale) Dr. Braunstein received a B.S. degree from Rensselaer Polytechnic Institute and a doctorate in economics from Stanford University. He is the author or co-author of over 40 articles in the fields of economics and information science and has served as a consultant for several corporations and government agencies including the United States Department of Commerce, the Federal Communications Commission, the Ministry of Communications of the State of Israel, and the national
telecommunications regulator of Sweden. Dr. Braunstein is also a director of Kalba
International, Inc.

Dr. Robert M. Frieden, Pioneers Chair & Professor, Telecommunications, Pennsylvania State
University

Robert M. Frieden is Pioneers Chair and Professor of Telecommunications at Penn State
University. He is a leading analyst in the field of telecommunications and Internet infrastructure
and has authored many comprehensive works on international telecommunications and
communications law. He recently published Managing Internet-Driven Change in International
Telecommunications. He also authored the International Telecommunications Handbook
(Artech, 1996), and is co-author of The Cable and Satellite Television Industry (Allyn & Bacon,
1998). He has held senior-level policy making positions in government and worked in the
private sector as an attorney. Prior to joining Penn State, Mr. Frieden was Deputy Director,
International Relations, Motorola Satellite Communications, Inc., where he managed the
regulatory and international liaison efforts for Motorola's IRIDIUM low earth orbiting satellite
project.

Mr. Frieden has served on several telecommunications and trade delegations and has
prolifically published articles and papers that have appeared in law reviews, trade journals, and
proceedings of major conferences. He is a frequently invited speaker to forums hosted by
organizations such as the American Bar Association, the Annenberg-Washington Program, the
International Telecommunication Union, the United Nations, and the World Bank. Mr. Frieden is
a graduate of the University of Virginia School of Law (J.D., 1980) and the University of

Elliot E. Maxwell, Esq., Fellow, Center for the Study of American Government, Johns Hopkins
University

Elliot E. Maxwell is a Fellow of the Center for the Study of American Government at Johns
Hopkins University and a Distinguished Research Fellow of the eBusiness Research Center of
the Pennsylvania State University. He advises public and private sector clients on strategic
issues involving the intersection of business, technology, and public policy in the Internet and E-
commerce domains. From 1998 until 2001, Maxwell served as Special Advisor for the Digital
Economy to U.S. Secretary of Commerce William Daley and U. S. Secretary of Commerce
Norm Mineta. In this position he was the principal advisor to the Secretary on the Internet and
E-commerce. He coordinated the Commerce Department's efforts to establish a legal
framework for electronic commerce, ensure privacy, protect intellectual property, increase
Internet security, encourage broadband deployment, expand Internet participation, and analyze
the impact of electronic commerce on all aspects of business and the economy.

After leaving the government he was Senior Fellow for the Digital Economy and Director of the
Internet Policy Project for the Aspen Institute's Communications and Society Program.
Previously, Maxwell worked for a number of years as a consultant and as Assistant Vice
President for Corporate Strategy of Pacific Telesis Group where he combined business,
technology, and public policy planning. He served at the Federal Communications Commission
as Special Assistant to the Chairman, Deputy Chief of the Office of Plans and Policy, and
Deputy Chief of the Office of Science and Technology. Maxwell graduated from Brown
University and Yale University Law School. He has written and spoken widely on issues
involving the Internet, electronic commerce, telecommunications, and technology policy. His
most recent work, "Rethinking Boundaries in Cyberspace", written with Erez Kalir, has just been
published by the Aspen Institute.
Dr. Eli Noam, Professor & Director, Columbia Institute for Tele-Information, Columbia University

Dr. Noam returned to Columbia University in 1990, after having served as Commissioner of the New York State Public Service Commission. He has been a professor at Columbia Business School since 1976 and also taught at Columbia Law School, Princeton University's Economics Department and the Woodrow Wilson School. Dr. Noam has published extensively in economic journals, law reviews, and interdisciplinary journals. His books and works include the authored, edited, or co-authored volumes Telecommunications in Europe; Television in Europe; Telecommunications Regulation: Today and Tomorrow; Video Media Competition; Services in Transition: The Impact of Information Technology in the Service Industry; The Law of International Telecommunications in the United States; The International Market in Film and Television Programs; Telecommunications in the Pacific Basin; Asymmetric Deregulation: The Dynamics of Telecommunications Policies in Europe and the United States; Public TV in America; Telecommunications in Africa; Telecommunications in Asia and the Middle East; and Telecommunications in Latin America. He was a member of the advisory boards for the Federal governments FTS-2000 telecommunications network, the IRS's computer system reorganization, and the National Computer Systems Laboratory. He is a member of the Council on Foreign Relations. He received an AB, MA, PhD (Economics) and JD from Harvard.

Dr. Jorge R. Schement, Professor & Co-Director, Institute for Information Policy, Pennsylvania State University

Jorge R. Schement is a Distinguished Professor and Co-Director of the Institute for Information Policy, in the College of Communications, and Affiliate Professor in the School of Information Sciences and Technology at Penn State University. His book credits include: Global Networks (1999); Tendencies and Tensions of the Information Age (1995); Toward an Information Bill of Rights and Responsibilities (1995); Between Communication and Information (1993); Competing Visions, Complex Realities: Social Aspects of the Information Society (1988); The International Flow of Television Programs (1984); Telecommunications Policy Handbook (1982), and Spanish-Language Radio in the Southwestern United States (1979). His research interests focus on the social and policy consequences of the production and consumption of information. A Latino from South Texas, he maintains a special interest in policy as it relates to ethnic minorities, and is author of the telecommunications policy agenda for the Congressional Hispanic Caucus. Schement has served on the editorial boards of seven academic journals, and has edited the Annual Review of Technology for the Aspen Institute. His policy research contributed to the Supreme Court's decision in Metro Broadcasting, Inc. v. F. C. C. et al. In 1994, he served, at the invitation of the chairman of the Federal Communications Commission, as director of the Information Policy Project and conducted the original research that led to recognition of the Digital Divide. He introduced the idea of Universal Service as an evolving concept, a view adopted in the Telecommunications Act of 1996. He has served on advisory and steering committees for the National Academy of Sciences, the National Research Council, the National Science Foundation, the National Endowment for the Humanities, the Office of Technology Assessment of the U.S. Congress, the United States Commission on Civil Rights, and the Centers for Disease Control.

Dr. Björn Wellenius, Independent Consultant, Washington, D.C.

Dr. Björn Wellenius is an independent consultant on telecommunications policy, regulation, and economics in developing countries and transition economies. He advises the World Bank Group (Washington, DC), law and consulting firms in Europe and North America, and governments and regulatory authorities. Until 1999 he was the World Bank's Telecommunications Adviser. He has worked in about 40 countries, including, most recently, Peru, Tunisia, Morocco, Honduras, Sri Lanka, the Philippines, Saudi Arabia, Chile and Georgia. Selected other projects include: Member of the World Trade Organization’s first
telecommunications dispute resolution panel (2002-04); creating and managing two projects supporting participation of developing countries in the WTO agreement on basic telecommunications (1996-2001); managing the World Bank's first telecommunications project in China ($250 million, 1987-93); advising the World Bank Group on information infrastructure strategy (1999-2004); telecommunications policy (1993-95); and public policy issues and regulatory risk of telecommunications project financing (1998-2002), and leading the World Bank's telecommunications assistance program in Asia and Latin America (1987-92) and Africa (1993-96)

Publications include best-practice and discussion papers on sector reform, rural infrastructure services financing, sustainable ICT strategies, mobile competition, and regulatory risk (1996-2003); book chapters on universal service and telecommunications economics (forthcoming) and regulation in Latin America (2000); and five books on telecommunications sector restructuring, telecommunications and economic development, and the electronics industry (1983-94). A Chilean national, Dr. Wellenius is bilingual in Spanish and English and has a working knowledge of French. He has a Ph.D. from the University of Essex, England and a degree in electronics and telecommunications engineering from Universidad de Chile.

Dr. Meheroo Jussawalla, Senior Fellow Emerita, East-West Center

Dr. Jussawalla is a leading scholar in the economics of telecommunications. She has published extensively in telecommunication economics and development. She serves on the International Advisory Board of the Information Economics and Policy; Board of Trustees of the Pacific Telecommunications Council; IS Chapter of the International Institute of Communications based in London; and the Editorial Board of Information Economics and Policy. Previously, Dr. Jussawalla served on the Board of Directors of the Hawaii Information Network Corporation. She is the recipient of the Banner Award from Women in Communications Association; the Pacific Telecommunications Council award for her contribution to Pacific Telecommunications Research; and Blue Cross Blue Shield of Hawaii award for Love of Learning category of Ageless Heroes of Hawaii. In 1989, a Fest Schrift was given with a book entitled, "Communications and Trade and Essays in Honor of Meheroo Jussawalla" edited by Donald Lamberton Hampton Press NY. Most recently, Dr. Jussawalla received a Lifetime Achievement Award from the Pacific Telecommunications Foundation in 2003.

Dr. Richard Taylor, Co-Director, Institute for Information Policy, College of Communications, Pennsylvania State University

Dr. Richard Taylor is currently Palmer Chair and Professor of Telecommunications Studies; Affiliate Professor of Information Sciences and Technology; Co-Director, Institute for Information Policy; Fellow, E-Business Research Center, The Pennsylvania State University. He is author of numerous papers and publications on telecommunications and development including, Information Technology Parks of the Asia Pacific: Lessons for the Regional Digital Divide, (2003) which he co-edited with Dr. Meheroo Jussawalla. He is Vice Chair of the Research Committee of the Pacific Telecommunications Council. Professor Taylor is currently on sabbatical as a Visiting Scholar at the East West Center. He has organized and chaired numerous conferences on telecommunications policy, with an emphasis on the Asia Pacific region. In 2003, he was appointed an IBM Faculty Partner for his work in the area of information metrics. In 1995-96 he was appointed a USIS Visiting Expert in India. Previously, Prof. Taylor served on the Board of Trustees of the Pacific Telecommunications Council and the Board of the Telecommunications Policy Research Conference. Prior to joining the faculty at Penn State in 1989, he held the position of Vice President and Corporate Counsel of Warner Cable Communications. He holds a doctorate in Mass Communications from Columbia University and a law degree from the New York University School of Law. He is a member of
the American Bar Association, the New York State Bar Association, and the Federal Communications Bar Association.

Dr. Lin Sun, President, ChinaNex.com

Lin Sun is president of ChinaNex.com and Editor-in-Chief of "Field Call," a weekly newsletter on China's telecom market. Dr. Sun has 20 years of experience in the telecom industry, including technology, services and regulation. He has consulted for many companies around the world.

Before heading ChinaNex, Dr. Sun was General Manager of Scientific Atlanta and Spar/ComStream in China. Dr. Sun also worked as a consultant at the Yankee Group and San Francisco Consulting Group. Dr. Sun received a doctorate in telecommunications from Michigan State University.

Dr. Michael R. Nelson, Director, Internet Technology and Strategy, IBM Corporation

As Director of Internet Technology and Strategy at IBM, Mike Nelson manages a team helping to define and implement IBM's Next Generation Internet strategy. His group is working with university researchers on NGI technology, shaping standards for the NGI, and communicating IBM's NGI vision to customers, policy makers, the press, and the general public. He is also responsible for organizing IBM's involvement in the Global Internet Project, a coalition of 14 telecom and computer companies working to address key Internet issues.

Prior to joining IBM in July 1998, Nelson was Director for Technology Policy at the Federal Communications Commission. There he helped craft policies to foster electronic commerce, spur development and deployment of new technologies, and improve the reliability and security of the nation's telecommunications networks. Before joining the FCC in January, 1997, Nelson was Special Assistant for Information Technology at the White House Office of Science and Technology Policy where he worked with Vice President Gore and the President's Science Advisor on issues relating to the Global Information Infrastructure, including telecommunications policy, information technology, encryption, electronic commerce, and information policy. From 1988 to 1993, Nelson served as a professional staff member for the Senate's Subcommittee on Science, Technology, and Space, chaired by then-Senator Gore. He was the lead Senate staffer for the High-Performance Computing Act. Nelson has a B.S. in geology from Caltech, and a Ph.D. in geophysics from MIT.

Mr. Weihua Zhang, President, China Telecom USA Corporation

Dr. Weihua Zhang has been at the helm of China Telecom USA Corporation since operations began in November 2002. Dr. Zhang brings more than 20 years of experience in telecommunications in China, including the position of Vice General Manager for Shanghai Telecom, a division a China Telecom Corporation. Dr. Zhang started his career with the Shanghai Posts and Telecom Administration and served in various capacities, including telephony equipment manufacturing and research; telecom engineering construction; and science and technology. In 1994, he participated in the Chinese Government's project in drafting the "Shanghai Infoport Plan." Dr. Zhang was also directly involved in telecommunications support of the 2001 APEC summit held in Shanghai.

Dr. Zhang has become a leader in several prestigious trade associations, such as Chairman of Shanghai Science and Technology Association, Chairman of Shanghai Communications Association, Executive Member of Shanghai Youth Association and a member of Shanghai Infoport Expert Committee.
Dr. Zhang holds an MBA and a Ph.D. in Management Science from Fudan University, and a B.S. in Telecommunications Technology. Dr. Zhang attended the Ecole Nationale Superieure des Telecommunications in Paris for advanced studies, and also attended AT&T’s Advanced Telecom Management Program in the United States. As a Fellow of the Eisenhower Exchange Fellowship, Zhang also participated in several research studies with the Information and Telecommunications Industry in 1998.