

OCPA OFFICERS, 2015-2016

A) OCPA Executive Council

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Membership Committee Chair

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Status of Women in Physics Committee Chair

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Awards Committee Chair

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Immediate Past President

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Councilor-at-Large:

CHANG, Ngee-Pong (CUNY)
CHANG, Tu-Nan (USC)
CHAO, Alex (Stanford Linear Accelerator)
GAO, Haiyan (Duke and Duke Kunshan University)
MOU, Chung-Yu (Tsinghua U, Taiwan)
PHUA, Kok-Khoo (World Scientific Publ. Co., Nanyang NIT, NUS)
PENG, Jen-Chieh (UIUC)
WENG, Wu-Tsung (BNL)
WANG, Yi-Fang (IHEP, China)
YEH, Nai-Chang (Caltech)
YOUNG, Bing-Lin (Iowa State U)
YUAN, Chien-Peng (Michigan State U)
ZHANG, Fu-Chun (Zhejiang University)

B) OCPA Divisional Coordinators:

Accelerator Physics	TANG, Jingyu (IHEP, Beijing)
	ZHAO, Zhentang (Shanghai SINAP)
Astronomy & Astrophysics	KWOK, Sun (Hong Kong U)
Atomic/Molecular/Optical Phys.	CHIN, Cheng (U Chicago)
Chemical Physics	DAI, Hai-Lung (Temple University)
Biological Physics	ZHONG, Dongping (Ohio State U)
Computational Physics	LIN, Haiqing (CSRC, Beijing) & LIU, Feng (U. of Utah)
Condensed Matter	ZHOU, Xingjiang (Inst. of Physics, CAS)
Gravitation & Cosmology	CHEN, Yanbei (Caltech)
High-energy Physics	LUK, Kam-Biu (UC Berkeley)
Nuclear Physics	JI, Xiangdong (Maryland and SJTU) TENTATIVE & YUAN, Feng (LBNL)
Plasma Physics	LIN, Yu (Auburn U)
Science Education	CHANG, Albert M. (Duke U) & BAO, Lei (Ohio State U)
Statistical/nonlinear Physics	LI, Baowen (National U. of Singapore)

C) OCPA Regional Coordinators:

Mainland China:Southern Region	LU, Fang (Fudan U)
Northern Region	GONG, Qihuang (PKU)
Hong Kong:	ZHANG, Ruiqin (CityU HK)
Singapore:	KWEK, Leong Chuan (Nayang TU, NU Singapore)
Taiwan:	LEE, Ting-Kuo (Inst. Of Phys. Academia Sinica)
Europe:	LUO, Yi (KTH, Sweden)
Canada:	GUO, Hong (McGill U)
East coast:	QIU, Jianwei (Brookhaven Nationa Lab)
Southeast:	NG, Yee Jack (U North Carolina, Chapel Hill)
Midwest:	LEE, Tsung-Shung (Argonne)
West Coast:	HUANG, Zhirong (Stanford Linear Accelerator)

D) Short CV of the OCPA Officers, Councilors and Coordinators

Bao, Lei (包雷)

Born in Nanjing, China. B.Sc./M.S., SouthEast University, Nanjing China (1993); Ph.D., University of Maryland (1999); Postdoctoral Research Associate, Kansas State University (1999-2000); The Ohio State University, Assistant Professor (2000-2006), Associate Professor (2007-2011), Professor (2011-present). Research interests: learning theory, quantitative models of assessment, cognitive modeling of conceptual change, development of scientific knowledge, skills and attitudes, development and applications of learning technologies and games.

Chang, Albert M. (張綿福)

Albert M. Chang is currently Professor of Physics at Duke University. He held the position of Professor of Physics at Purdue University from 1997-2003, and Member of Technical Staff at Bell Laboratories from 1984-1997. Prof. Chang is a low temperature condensed matter experimentalist specializing in nano-structured devices and systems in reduced dimensions. His interests span a

broad range of correlated electronic systems. These include one-dimensional aluminum superconducting nanowires with diameters as narrow as 6 nm (24 atoms), quantum transitions in quantum-dot Kondo spin systems, one-dimensional electron Wigner crystal-like and correlated states, and chiral Luttinger edge excitations and fractional charge/statistics in the fractional quantum Hall regime. Prof. Chang received his Ph.D. from Princeton University in 1983, his B.Sc. in Physics from the Massachusetts Institute of Technology in 1977, and is a Fellow of the American Physical Society.

Chang, Ngee-Pong (章義朋)

Born '40 in Singapore. B.A., Ohio Wesleyan U, '59; Ph.D. Columbia U, '62; post-doc Columbia, '62; Member, Inst of Adv. Studies, Princeton, '63; Research Associate, Rockefeller U, '64; Visiting Prof, CCNY, '65; Full Prof, CUNY, '66 - now. Fellow, Japan Society for Promotion of Science, '74; Fellow, APS, '76; Member, Committee on International Scientific Affairs (CISA), APS, '94-96; CISA chair, '97; Founder, OCPA, '90; Chair, OCPA '91-92, '97-98; Dir. CCNY China-Exchange, '81 - now; Nanyang Professor, NTU, Singapore, 05-08. Senior Fellow, IAS-NTU. Specialty: Theoretical High-Energy Physics.

Chang, Tu-nan (張圖南)

Prof. Emeritus ('12-), Prof. & Chair ('97-'03), Dept. Phys & Astr, Univ. Southern California. APS Fellow ('89-); Fellow, Phys. Soc. ROC ('06-); B.Sc. Tunghai Univ. '66; Ph. D. UC Riverside '72; Postdoc, UC Riverside '72-'73, U. Chicago '73-'75; Faculty at USC '75-'12. President, OCPA '01-'02; President, Academic Senate, USC '94-'96; President, Chinese American Faculty Assoc. of Southern California '96-97; Director, National Center for Theoretical Sciences, Hsinchu, Taiwan '05-'06; Awards: Raubenheimer Distinguished Faculty Award for Excellence in Research, Teaching, and Service at USC; Achievement and Service Award, Chinese American Faculty Assoc. of Southern California; Service Award, OCPA '06; Research: Multi-electron interactions in atomic processes.

Chao, Alexander W. (趙午)

B.Sc. '70, Tsing-Hua Univ., Hsin-Chu, Taiwan; Ph.D. '74, State Univ. of New York at Stony Brook; Postdoc, staff, beam dynamics group leader, 1974-84, SLAC; Accelerator Physics Division head 1984-89, SSC Central Design Group; Accel. Phys. Group leader and Asso. Project Manager 1989-93, SSC Laboratory; Professor 1994-, Stanford University. Fellow, American Physical Society; Chair, APS Division of Physics of Beams, 1998-2000; Academician, Academia Sinica, 2002; EPS Wideroe Prize, 2008.

Chen, Jian-ping (陈剑平)

Senior Staff Scientist, Jefferson Lab, 2011-present; Staff Scientist, 1994-2011; Research Staff, MIT, 1992-1994; Postdoc, U. Virginia, 1990-1992; Ph.D., U. Virginia, 1990; B.Sc., USTC, 1982. APS Fellow. Guest Professor, USTC, 2004-present; Guest Professor, CIAE, 2012-present; Guest Professor, IMP, 2013-present; Adjunct Professor, ODU, 1997-2000; Adjunct Associate Professor, KSU., 1997-2000; Spokesperson of JLab experiments. Research interests: nucleon structure, spin physics, nuclear medium effects and test of the Standard Model.

Chen, Yanbei (陈雁北)

Prof. ('13-present), Assoc. Prof. ('10-'13), Assist. Prof. ('07-'10), Caltech. B.Sc. Peking U. '99; Ph.D. Caltech '03; Postdoc, Caltech '03-'04; Staff Scientist, Max Planck Inst. for Gravitational Physics, '04-'08. Award: Sofja Kovalevskaya Award of the Alexander von Humboldt Foundation ('04). Research: Gravitational Physics.

Chin, Chang (金政)

Professor of Physics, James Franck institute and Enrico Fermi institute, University of Chicago. Education: B.Sc. Physics, National Taiwan University (1993) Ph.D. Physics, Stanford University (2001). Visiting Scientist/Professor: Innsbruck University (2003), ETH Zurich (2005, 2014), Rice University (2013), MIT (2013), Institute of Atomic and Molecular Science, Academic Sinica (2013), University of Ulm (2014), University of Munich (2014), Max-Planck institute for Quantum Optics (2014), JILA (2015). Honors: Lise-Meitner Research Fellow, Austrian Science Fund (2003); Outstanding Young Researcher Award, Oversea Chinese Physics Association (2006); Alfred P. Sloan Research Fellow (2006); David and Lucile Packard Fellow (2006); CAREER award, National Science Foundation (2008); Young Scientist Prize in Atomic, Molecular and Optical Physics, International Union of Pure and Applied Physics (2008); I.I. Rabi Prize, American Physical Society (2011); Alexander von Humboldt Research Fellow (2014); American Physical Society Fellow (2014); High-Cited Researcher, Thomson Reuters (2014); Distinguished Alumni Award, Physics Department, National Taiwan University (2014).

Research: Laser cooling and trapping, Bose condensate and degenerate Fermi gas, Feshbach resonance, Efimov physics, quantum criticality, quantum simulation and quantum information.

Dai, Hai-Lung (戴海龍)

Provost and Senior Vice President for Academic Affairs, Laura H. Carnell Prof., Temple Univ. ('07-); Hirschmann-Makineni Professor ('02-'07) and Chair ('96-'02) of Dept. Chem. U. Pennsylvania ('84-'06). B.Sc., National Taiwan Univ. ('74); Ph.D., U. California Berkeley ('81); Postdoc MIT ('81-'84). Fellow, APS; Chair ('05) of Div. of Chem. Phys., APS; Fellow, Am. Chem.Soc.; Sloan Fellow ('88); Dreyfus Teacher Scholar ('89); Coblentz Award in Spectroscopy ('90); Morino Lecturer Japan ('92); Humboldt Award for US Senior Scientists Germany ('94); Am. Chem. Soc. Philadelphia Sec. Award ('95); Guggenheim Fellow ('00); Lippincott Award, Optical Soc. Am. ('06); Achievement Award, Chinese Inst. Engineers NY ('09); Langmuir Lecturer Award, Am. Chem. Soc. ('12); Malone Int. Leadership Award, Assoc. Public and Land-Grant Universities ('13); Research: molecular dynamics and spectroscopy; surface and colloidal sciences; biophysical chemistry.

Gao, Haiyan (高海燕)

Born in Shanghai, China, B.Sc., Tsinghua University, Beijing, China (1988); Ph.D., California Institute of Technology (1994); Postdoctoral Research Associate, University of Illinois, Urbana-Champaign (1994 - 1996); Assistant Physicist, Argonne National Laboratory (1996 - 1997); MIT, Assistant Professor (1997-2002), Associate Professor (2002-2004); Duke University, Associate Professor (2002-2008), Professor (2008-2012), Henry Newson Professor of Physics (2012 - present), Associate Chair (2006 - 2009), Chair (2011- 2014), Dept. Physics; Vice Chancellor for Academic Affairs (2015 -), Duke Kunshan University. Awards and Honor: OJI Award, U.S. Department of Energy (2000), Outstanding Overseas Young Scholar Collaborative Award, National Natural Science Foundation of China (2005); APS Fellow (2007); ChangJiang Scholar Chair Professor, Tsinghua University (2009-2012). Research interests: structure of the nucleon, QCD exotic states, fundamental symmetry studies, and development of polarized gas targets.

Gao, Xuan (高翺)

Born in Jiangxi, P.R. China 1978; B.Sc., South China Univ. of Technology 1998; Ph.D., Columbia Univ. 2003; Faculty, Dept. of Physics, Case Western Reserve Univ., 2007-present; Life member of APS, OCPA; 2012 OCPA Outstanding Young Researcher Award (Macronix Prize); Specialty: Experimental condensed matter physics, nanoscience.

Geng, Rongli ((耿荣礼)

Born '68 in China. B.Sc. '91, Peking University; Ph.D. '96, Peking University; Visiting scientist, Laboratory of Nuclear Studies, Cornell University, 1997-2000; Research associate, Laboratory for Elementary Particle Physics, Cornell University, 2000-2007; Staff scientist, Thomas Jefferson National Accelerator Facility, 2007-2012; Senior staff scientist, Thomas Jefferson National Accelerator Facility, 2012-; Cavity group leader, ILC/GDE, 2009-2013; Visiting professor, Peking University, 2009-2012; Visiting professor, Institute of Modern Physics, Chinese Academy of Sciences, 2012-.

Gong, Qihuang (龚旗煌)

Cheung Kong Professor of Physics at Peking University, China, where he is also the Founding Director of the Institute of Modern Optics and Deputy Dean of Physics School. In addition, Prof. Gong serves as Director of the State Key Laboratory for Mesoscopic Physics. His current research interests are in ultrafast optics, nonlinear optics, and mesoscopic optical devices for applications. He has received the State Natural Science Award (2nd-Class), the Chinese Physical Society's Rao Yutai Prize, and the Wang Daheng Science and Technology Prize given by the Chinese Optics Society. He is the Member of Chinese Academy of Sciences, Fellow of OSA and Fellow of IoP.

Guo, Hong (郭鸿)

B.Sc. Sichuan Normal Univ., China, 77-80; M.Sc., Univ. of Pittsburgh, 81-83; Ph.D, Univ. of Pittsburgh, 83-86. Assistant, Associate and full Professor at Department of Physics, McGill University since 1990. James McGill Chair Professor of Physics, 2004-present. Main Research: condensed matter theory, quantum transport theory, first principles calculations, materials theory and computational physics. Director, Center for the Physics of Materials, McGill Univ., 2004-2009. Killam Research Fellowship Award, Canadian Council for Arts, 2004-2006; Brockhouse Medal of Canadian Association of Physicists, 2006; CAP-CRM Prize for Theoretical and Mathematical Physics, 2009. APS Fellow; Fellow of Royal Society of Canada.

Huang, Zhirong (黄志戎)

Born in Beijing China. B.Sc. '92, Caltech; Ph.D. '98, Stanford University. Staff physicist, Advanced Photon Source, Argonne National Laboratory, 1998-2002; Staff and Senior staff physicist, Beam Physics Department, SLAC National Accelerator Laboratory 2002-2012; Associate Professor of SLAC, Stanford University, 2013-present. APS Outstanding Doctoral Thesis Research Award in Beam Physics, 1999; USPAS prize for achievement in accelerator physics and technology, 2011. International Free Electron Laser Prize, 2014.

Ji, Xiangdong (季向东)

1982 B.S. Tongji University; 1983 Masters Peking University; 1988 Ph.D. Drexel University; 1988-1991 postdoctoral research Caltech and M.I.T. Massachusetts Institute of Technology (Massachusetts Institute of Technology); 1991-1996 junior faculty at Massachusetts Institute of Technology; since 1996, faculty, Univ. of Maryland, College Park; elected Fellow of the American Physical Society, 2000.

Currently Prof. of particle and nuclear physics, and director of the Institute of Shanghai Jiaotong University; Changjiang Scholar (Chair Professor, 2005); awarded overseas Chinese NSFC Outstanding Youth Fund (2003-2005); executive director, Institute of Physics; executive director, Chinese Society of High Energy Physics; "Science in China" magazine assoc. editor; "National Science Review" editorial board; US EIC accelerator Advisory Board; Former US DOE BES division representative and US National Nuclear Science Advisory Committee (NSAC member); Jefferson National Laboratory Advisory Board (PAC member); APS Bonner

Prize selection committee; European Journal of Physics A Series (hadron physics and nuclear physics) editorial board member; US National Institute of Nuclear Physics theory consultant; Chair, Gordon Research Conference on Nuclear Physics (1999). Research: Nuclear physics, theoretical and experimental research in high energy physics, including nuclear structure, QCD, spin sum rule. Spokes person for PandaX collaboration.

Kwek, Leong Chuan (郭龙泉)

Principal Investigator, Center for Quantum Technology, National University of Singapore (since 2007); Deputy Director, Institute of Advanced Studies, Nanyang Technological University (since 2005); Associate Professor of Physics, National Institute of Education, Nanyang Technological University (since 1999). EDUCATION: B.Sc. Joint Physics and Mathematics, Otago University (1984); Diploma in Education, University of Singapore (1985); M.Sc., Physics, National University of Singapore (1995); Ph.D. Physics, National University of Singapore (1999); Visiting Professor, Cambridge University (2004). HONORS & AWARDS: National Science Award (2006); Institute of Physics Singapore Premier Research Award (2006); Fellow, American Association for the Advancement of Science (2009); Fellow, Institute of Physics (UK) (2009). RESEARCH: Quantum Information Science, particularly in measurement based quantum computing, many-body entanglement, foundation of quantum mechanics, circuit quantum electrodynamics, photon-matter interaction (through one-dimensional waveguides), opto-mechanical systems, quantum optics and quantum simulators.

Kwok, Sun (郭新)

Dean of Science and Chair Professor of Physics, The University of Hong Kong. Previously, Prof. Kwok has served as Faculty Professor of the University of Calgary in Calgary, Canada, and Director and Distinguished Research Fellow of the Institute of Astronomy and Astrophysics of Academia Sinica of Taiwan. B.Sc. degree in Physics, McMaster University, Canada; M.S. and Ph.D. degrees in Physics, the University of Minnesota, USA.

Prof. Kwok was guest observer on many space missions including the Hubble Space Telescope and the Infrared Space Observatory. Between 1994 and 2006, he served as the Principal Investigator for Canada in the international submillimeter-wave satellite Odin which was successfully launched in 2001.

Highlight on research achievements: theory on the origin of planetary nebulae and the study of synthesis of organic compounds during the late stages of stellar evolution. His recent books include Stardust: the Cosmic Seeds of Life (Springer 2013), Organic Matter in the Universe (Wiley 2011), Physics and Chemistry of the Interstellar Medium (USB 2007), Cosmic Butterflies (Cambridge 2001), and Origin and Evolution of Planetary Nebulae (Cambridge 2000).

He is currently serving as President of Commission 34 (Interstellar Matter) and Vice President of Commission 51 (Bioastronomy) of the International Union (IAU). He has previously served as Vice President of Division VI (2009-2012) and Chairman of Working Group on Planetary Nebulae (1994-2001) of the IAU.

Lee, Ting-kuo (李定國)

Born '49 in Taiwan. B.Sc. Phys, Taiwan Univ. '71; Ph.D. Phys. Brown U '76. City College of CUNY '75-'79; ITP, Santa Barbara '79-81, Dept. of Phys., Virginia Tech '82-'97; Inst. of Phys., Academia Sinica, since '96; Director, Institute of Physics, since '12; Executive Secretary, Central Academic Advisory Committee, Academia Sinica, '07-'12; Head, Phys. Div., NCTS, '97-'03; Executive Director, N. Prog. for NanoS&T, '04-'06; President, Physical Society of Republic of China '06-'07; IUPAP C5 Commission on Low Temperature Physics '05-'11; Member, Asia-Pacific Forum on Novel Quantum Phenomena in Emergent Materials '03 - present; General Council Member, Asia-Pacific Center for Theoretical Physics, Korea, '00 - '08; Executive Secretary, Wu Ta-You Foundation '00 -'04. Y. T. Lee Foundation Scholarship Award, '97; NSC Research Excellence

Award '04; Ho Chin Tui Award for Academic Research '05; APS Fellow; Inst. Phys. Fellow (UK); PSROC Fellow. Specialty: theoretical condensed-matter physics, strongly correlated electronic systems, computational phys., optimization algorithms, x-ray diffraction microscopy.

Lee, Tsung-Shung H. (李正雄)

1964 B.Sc., Taiwan Normal University; 1968 MS, Tsing-Hua University; Ph.D 1973, University of Pittsburgh. Research Associate, 1973-1975; Bartol Research Foundation; 1975-1977, Argonne, National Laboratory; 1977 - 1980, Assistant Physicist; 1981-1992, Physicist; 1993 - Present, Senior Physicist, Argonne National Laboratory; 1989 - 1994, Head of Theory Group of Physics Division, Argonne National Laboratory; 2000 -2002, member of Executive Committee; 2003 - 2005, member of Program Committee, Division of Nuclear Physics, American Physical Society. Fellow, American Physical Society.

Li, Baowen (李保文)

Prof., Dept. Phys, Nat'l Univ. Singapore (NUS) and Dept. of Phys. Sci & Eng, Tongji University; National Professor of 1,000 Plan; Director, Ctr. for Comp. Sci. and Eng. NUS; Director, Ctr. for Phononics and Thermal Eng. Sci., Tongji University. B.Sc. Nanjing U. '85; M.S., Chinese Acad. Sci '88, Ph.D. U. Oldenburg, Germany, 1992. Awards: 2014/2015 Russell Severance Springer Professor at UC Berkeley, 2013 APS Fellow, 2007 World Scientific Medal and Prize; 2005 OCPA Achievement in Asia Award; 2005 Nat'l Sci. Award, Singapore; 2004 Temasek Young Investigator Award; 2003 NUS Young Researcher Award; Research: Phononics, heat transfer, thermoelectrics, nonlinear & statistical physics, complex networks.

Lin, Haiqing (林海青)

Currently, Professor, Beijing Computational Science Research Center;
EDUCATION: B.S., University of Science & Technology of China 1981; M.S. , Iowa State University, 1983; Ph.D., Univ. of California, San Diego, 1987; Professor, Chinese Univ. of Hong Kong, Jan. 2002-Jul. 2012; Associate Prof., Chinese Univ. of Hong Kong, Aug. 1995-Dec. 2001; Research Asst. Prof., UIUC, Oct. 1991-July 1995; Research Associate, CNLS, Los Alamos National Lab., Oct. 1989-Oct. 1991; Research Associate, Phys. Dept., Brookhaven National Lab., Oct. 1987-Sep. 1989.
HONORS & AWARDS: Fellow, American Physical Society, 2003; Distinguished Young Scientists Fund, Chinese National Science Foundation, 2003; President of Physical Society of Hong Kong, 2007-2009; Managing Editor, International Journal of Modern Physics C, since Jan 2007; Associate Editor, Communication in Computational Physics, since Jan 2005.
RESEARCH: Condensed Matter Theory and Computational Physics. Theoretical studies on many-body problems, such as applying quantum Monte Carlo methods to strong correlated models and applying quantum information approaches to quantum phase transitions. Develop numerical techniques for simulation of physical systems, such as numerical solving Maxwell equations to investigate plasmonic properties of nanostructures.

Lin, Yu (林郁)

APS Fellow; Alumni Professor; Changjiang Scholar Chair Professor. Born '64 in Beijing. B.Sc., Peking Univ. '85; MS, Chinese Academy of Science, '88; Ph.D. Space Phys. University of Alaska Fairbanks '93. Assistant Professor '94-99, Associate Professor '99-03, Professor since 2003, Physics Department, Auburn University. Award: Katherine E. Weimer Award for outstanding achievement in plasma science research by a woman physicist in early years of her career, APS-DPP. Specialty, space plasma physics, magnetospheric physics, magnetic reconnection, nonlinear waves, collisionless shocks, and boundary layers.

Liu, Feng (刘锋)

Education: B.Sc. Materials Science, Tsinghua University, Beijing (1984), M.S. Solid State Physics, Tsinghua University, Beijing (1986), Ph.D. Chemical Physics, Virginia Commonwealth University (1990);

Appointments: Chair of Dept of MSE, (2011 - present); Professor, (2007 - present), Associate Professor (2003 - 2007), Assistant Professor (2000-2003), University of Utah, Department of MS&E; Director, University of Utah, Center for Computational Design of Nanomaterials and Nanodevice (2002 - 2007); Research Scientist Univ. of Wisconsin-Madison, Department of MS&E (1995 - 2000). Postdocs: Oak Ridge National Lab, Solid State Division (1993 - 1995); Rutgers University, Department of Ceramics (1991 - 1993).

Honors & Awards: 2011, APS Fellow; 2008, Senior Humboldt Research Award; 2007, Australia Research Council International Professorial Fellow; 1999, Outstanding Overseas Young Scientist, National Science Foundation of China;

Research: Computational Materials Physics, 210+ publications including 50+ in Physical Review Letters.

Lu, Fang (陆昉)

Prof. of Physics, Vice President of Fudan (since 2011).

Education: Master'S degree, Microelectronics, Fudan University (1982); Ph.D, Condensed matter physics, Fudan (1995). Faculty at Fudan since 1982; visiting scholar, State University of New York at Albany (1986-1988); Institute for Materials Research, Tohoku University, Japan (1996-1998).

Chair, Physics, Fudan, 2000-2006; Dean of academic administration and President's Assistant (2009-2011); Vice President of Fudan (since 2011) General secretary of Shanghai Physical Society 2004-2008, Vice Chairman of Shanghai Physical Society since 2009.

Luk, Kam-Biu (陆锦標)

B.Sc., University of Hong Kong, 1976; Ph D. Rutgers University, 1983; Postdoc, University of Washington, Seattle, 1983-1986. Wilson Fellow, Fermilab, 1986-1989; Professor of Physics, University of California, Berkeley, 1988-present. Assistant Dean of the Undergraduate Office, College of Letters and Science, UC Berkeley, 2002-2003; Vice Chair of Instruction, Physics Department, UC Berkeley, 2006-2007; Regional Secretary of the Universities Research Association, Fermilab, 2001-2011; Division Coordinator of High-energy Physics, OCPA, 2005-present. Outstanding Junior Investigator, US Department of Energy, 1989-1991; Alfred P. Sloan Fellow, 1990-1994; APS Fellow, 1997-present; Miller Professor, 2001; Changjiang Scholar Chair Professor, Tsinghua University, 2007-2010; Hung Hing Ying Distinguished Visiting Professor in Science, University of Hong Kong, 2011-present; co-recipient of APS Panofsky Prize, 2014. Research interest: Experimental particle physics and astrophysics.

Luo, Yi (罗毅)

Prof. ('05-), School of Biotechnology, Royal Institute of Technology (KTH), Sweden; Ph.D. Linkoping U. '96; Postdoc, Copenhagen U. '97; Ass. Prof., Stockholm U., '97-'00; Assoc. Prof. KTH, '00-'05. Award: Goran Gustafsson Prize 2010. Research: Molecular Electronics, molecular photonics and Soft-X-ray spectroscopy.

Mou, Chung-Yu (牟中瑜)

Phys. Div. head ('07-'09), NCTS at Taiwan; Prof. ('02-), Dept. Phys., National Tsing Hua Univ. Taiwan. Director, Physics Promotion Center, Taiwan, '06-'07. '10-; B.Sc. Natl. Taiwan U. '86; Ph. D. Caltech '93; Postdoc, Univ. of Virginia '93-'95. Associate Prof., Dept. Phys., National Chung-Cheng Univ., '95-'96; Faculty at National. Tsing Hua Univ, Taiwan since '96. Awards: NSC outstanding

research awards in Taiwan, '08. Research: Protein folding problem; superconductivity; and strongly correlated electronic systems.

Ng, Cheuk-Yiu (伍灼耀)

B.S., Chung-Chi College (Chem.), Chinese Univ. of Hong Kong; Ph.D. Berkeley (Phys. Chem.); 1996-2001 Distinguished Professor of Liberal Arts and Sciences, Iowa State University; 2001-present Distinguished Professor of Chemistry, Univ. California, Davis; 2009-2012 Dean of Science, Chinese University of Hong Kong; Awards and Honors: 1981 Alfred P. Sloan Foundation Fellow; 1982 Camille and Henry Dreyfus Teacher-Scholar; 1985 Honorary Prof., Zhengzhou Univ., China; 1993 Fellow American Physical Society; 1994 Iowa Regents Award for Faculty Excellence; 1997 Guest Professor, USTC, China; 1997 Senior Fellow, Japanese Society for the Promotion of Science; 1998 Alexander von Humboldt Senior Scientist Award; 2005 Fellow, American Association for the Advancement of Science; 2009 Siu-Lien Wong Fellow, Chung Chi College, Chinese Univ. of Hong Kong; 2013 Visiting Distinguished Chair Professor, National Taiwan University. Professional Societies: American Assoc. for the Advancement of Science; American Physical Society, American Chemical Society; American Geophysical Union; Founding Chairman of the Gordon Research Conference Series (1991-present) on Reaction Dynamics of Gaseous Ions; Editor-in-Chief, Advanced Series in Phys. Chemistry (World Scientific, 1991-present); Associate Editor, J. Chem. Phys. (2010-2014); Co-Guest Editor, Special Issue in J. Chem. Phys. On "Chemical Dynamics" (Oct. 7, 2006).

Ng, Yee Jack (吴汝哲)

B.A., Univ. California Berkeley; Ph.D. Harvard Univ. Research Associate: Inst. for Advanced Study, Princeton; SLAC, Stanford. Alfred P. Sloan Fellow. University favorite faculty award ('00, '02); "R&D star to watch", Industry Week magazine ('01); University-wide Teaching Award ('06). Director, Julian Schwinger Foundation for Physics Research. Present Position: Kenan Professor of Physics, Univ. of North Carolina, Chapel Hill. Research interests: theoretical particle physics, field theory, gravitation and cosmology, statistical physics.

Peng, Jen-Chieh (彭仁傑)

Prof. of Physics, Univ. of Illinois at Urbana-Champaign. Born in Guangdong, China '49; B.Sc., Tunghai Univ. 1970; Ph.D, Univ. of Pittsburgh, '75; Prof. of Physics, Univ. of Illinois 2002-present; Los Alamos National Lab 1978-2001. Laboratory Fellow, Los Alamos National Lab, 1996; APS Fellow, 1993. Research interest: Experimental nuclear and particle physics.

Phua, Kok Khoo (潘国驹)

Dr. K.K. Phua is the Founding Director of the Institute of Advanced Studies at Nanyang Technological University (NTU), Adjunct Professor of Department of Physics at National University of Singapore (NUS) and Chairman and Editor-in-Chief of World Scientific Publishing Co Pte Ltd.

K.K. Phua got DIC from Imperial College, London University and Ph.D. in Mathematical Physics from Birmingham University, United Kingdom. He was awarded an Honorary Doctor of Science by Birmingham University (2013) for outstanding contribution to physics and scientific publishing. As a theoretical high-energy physicist he did some interesting and useful work in particle physics, particularly in the field of phenomenology in high-energy collisions.

He is the Founding President of the South East Asia Theoretical Physics Association (SEATPA). Together with Nobel Laureate Professor C. N. Yang and other senior physicist, he is one of the founding council members of the Association of Asia-Pacific Physical Society (AAPPS).

K.K. Phua is an Advisory Board Member of Singapore-China Association for Advanced Science & Technology. He was elected as a Fellow of the American Physical Society (APS) for his contributions to research and education in

physics in 2009, he became a Fellow of the Singapore National Academy of Science (2014), and was also awarded the IPS President's Award by the institute of Physics Singapore (IPS) Council, for his outstanding contributions to physics research and education in Singapore in 2006. He is an Honorary Professor at Nankai University and also holding a number of honorary professorships in China. He is currently Secretary General, IUPAP Singapore office, and the SiYuan Guest Professor (2014) at the University of Nottingham at Ningbo China.

Qiu, Jian-Wei (邱建伟)

Senior Physicist (2010-now) Brookhaven National Lab; Brookhaven Professor (2010-now) Stony Brook University. APS Fellow, Member-at-Large, GHP, APS (2012-2014). M.A. 1983, M.Ph.1984, Ph.D. 1987 Columbia University; Postdoc, Argonne Nat'l Lab (1987-1989), Stony Brook Univ. (1989-1991). Faculty at Iowa State Univ (1991-2012). SSC Fellow (1990); Outstanding Junior Investigator Award, DOE (1992); Outstanding Professor Award for Teaching Excellence in Graduate Physics, ISU (1999); Outstanding Career Achievement in Research Award, LAS-ISU (2009). Research: Theoretical high-energy particle and nuclear physics.

Sui, Manling (隋曼龄)

B.Sc. (1985) in Physics, Northeastern University, Shenyang, China; Master (1988) & Ph.D. (1991) in Materials Physics, Institute of Metal Research, Chinese Academy of Sciences, Shenyang, China. Assistant Professor (1991-1994) and Associated Professor (1994-1998), Northeastern University, China; Professor, Institute of Metal Research, Chinese Academy of Sciences (1998-2009); Professor and Cheung Kong Scholar, Beijing University of Technology, China (2009-now); Member of the executive council of the Chinese Physical Society (2007-now), the organizing committee of the CPS Fall Meeting (2004-now), the evaluation committee of Xie Xide Prize, Chinese Physical Society (2007-now); Chair of the commission on Women in Physics, CPS (2011-now); Member of IUPAP working group 5: Women in Physics (2010-now). Research interest: Experimental condense matter physics, in situ electron microscopy for structure and property relationship in advanced materials.

Tang, Jingyu (唐靖宇)

Professor, IHEP, CAS and UCAS.

Education: B.Sc. in Physics, USTC (79-84); M.Sc. and Ph.D., IMP-CAS (84-90). Experience: GANIL, Caen, France (89-90); MEDICYC-CAL, Nice, France (90-93); IMP-CAS, Lanzhou (93-01), professor (97); FZJ, Juelich, Germany, guest scientist (01-04); IHEP-CAS, Beijing, professor (04~).

Research: accelerator physics and technology, beam applications; projects: CSNS, SPPC, MOMENT.

Wang, Yi-Fang (王贻芳)

Prof.(since '01) & Deputy Director('05-'11) & Director(since '11), IHEP.

B.Sc. Nanjing Univ. '84; Ph.D. Florence Univ. '91. Research staff:

INFN ('91-'92); MIT ('92-'96); Stanford Uni.('96-'01). ACFA member since '07;

ICFA member since '11. Awards: Panofsky prize, Zhou Guangzhou prize. Research: experimental particle physics, currently BESIII, Daya Bay and JUNO experiments.

Weng, Wu-Tsung Bill (翁武忠)

Born '44 in Taiwan. B.Sc. EE, Taiwan Univ. '66; MS, Tsing Hua Univ, '68;

Ph.D. Phys. SBU '74; Post-doc, U of Arizona '74-76. Accelerator physicist, BNL '77-83; SLAC '83-87; Senior Physicist at BNL since '87. Booster Project Head, '87-90; Accelerator Division Head, '90-94; Chair of PAS&T Committee of NPSS/IEEE, '90-'94; Chair of PAC Conf. '99; Senior Team Leader of SNS

Project Ring system, '96-'02; Head of Center of Accelerator Physics, '02-07; President, OCPA, 07-09; Program Manager(IPA) at HEP/DOE, '07-10. Y. T. Lee Foundation Scholarship Award, '95; NY Distinguished Asian American Award, '14; APS Fellow, IEEE Fellow. Specialty: accelerator physics, nonlinear dynamics, space charge effect, high power proton accelerators.

Xu, Nu (许怒)

B.Sc., Department of Physics, University of Science and Technology of China (1982); Ph.D., Department of Physics, State University of New York at Stony Brook (1990). Postdoctoral Fellow, State University of New York at Stony Brook (1990); Director Fellow, Los Alamos National Laboratory (1994); Divisional Fellow, Lawrence Berkeley National Laboratory (1997); Senior Scientist, Lawrence Berkeley National Laboratory (2001-). Fellow, Institute of Physics, UK (2004); Fellow, American Physical Society (2009). Spokesperson, STAR Experiment at RHIC, Brookhaven National Laboratory (2008-2014); Dean, College of Physical Science and Technology, Central China Normal University (2010-). Research: Experimental study of QCD phase structure and high-energy nuclear collisions.

Yeh, Nai-Chang (葉乃裳)

Professor of Physics (since 1997) and Fletcher Jones Foundation Co-Director of the Kavli Nanoscience Institute (since 2013), California Institute of Technology. EDUCATION: B.Sc. Physics, National Taiwan University (1983); Ph.D. Physics, Massachusetts Institute of Technology (1988); Visiting Scientist, IBM Watson Research Center (1988-1989). HONORS & AWARDS: Eminent Visiting Professor, Universiti Brunei Darussalam (UBD), Brunei (2014-2015); Wu Chien-Shiung Distinguished Lectureship (吳健雄講座), National Central University, Taiwan (2012); CNMM Chair Professorship, Tsinghua University, China (2012-2014); Fellow, American Association for the Advancement of Science (2007); Fellow, American Physical Society (2004); Distinguished Alumni Award, Physics Department, National Taiwan University (2003); Achievement Award, Chinese-American Faculty Association, Southern California (2001); Fellow and Chartered Physicist, Institute of Physics, UK (2001); Outstanding Young Researcher Award, Overseas Chinese Physics Association (1998); David and Lucile Packard Fellowship for Sciences and Engineering, (1992-1997); Sloan Research Fellowship, (1990-1992); Luise Meyer-Schutzmeister Memorial Award, (1986). RESEARCH: Experimental condensed matter physics, including correlated electronic systems such as high-temperature superconductors and novel magnetic materials; low-dimensional materials such as graphene, carbon nanotubes, and nanowires; topological matter such as topological insulators/superconductors; spintronics; nanoscience and nanotechnology; and energy research in photovoltaic cells and fuel cells.

Young, Bing-Lin (楊炳麟)

B.Sc. National Taiwan Univ, 1959; Ph.D. Univ of Minnesota, 1966; Research Associate, Indiana Univ and Brookhaven National Lab., 1966-70; Assistant to Full Professor, Iowa State Univ. 1970 - 2004, 2004-present Emeritus; OCPA: 1991-92; Chair, 1993-94; Member of the Executive Council 1995-2000, Councilor-at-Large 2001-present.

Yuan, Chien-Peng (袁簡鵬)

Born in Taiwan, '58; B.Sc., National Taiwan Normal Univ. '80; Ph.D., Univ. of Michigan, '88. Faculty, Michigan State Univ., '92-present; Member of CTEQ Collaboration, '92-present; APS Fellow, 2014; OCPA: Secretary, 2004-05; Vice Chair, 2006-08; Chair, 2009-2010. Specialty: Theoretical high energy physics.

Yuan, Feng (袁烽)

Senior Scientist, LBNL, 2012-present; Physicist Division Fellow, LBNL, 2007-2012; RHIC Fellow, BNL, 2007-2010. B.Sc. Peking University, '95; Ph.D. Peking U., '00; Postdoc, Heidelberg U., 00-02, Maryland U., 02-04, BNL, 04-07. Award: APS fellow, 2014; DOE Early Career Research Award, 2010-2015.

Zhao, Zhentang (赵振堂)

B.Sc. 1983, Tsinghua Univ., Beijing; Ph.D. 1990, Tsinghua Univ., Beijing; Postdoc, staff, Storage Ring Division Head and Assistant Director of IHEP CAS, 1990 - 1998; Visiting Scientist at CERN 1995-1996; Deputy Project Director of SSRF 1998 - 2010; Staff, Deputy Director and Director of Shanghai Institute of Applied Physics (SINAP) CAS from 2000; Currently, Chief Scientist for the 973 FEL program and the SXFEL project, President of Shanghai Nuclear Society from 2010, Vice President of Particle Accelerator Society of China, and member of ACFA.

Zhang, Fu-Chun (張富春)

Born '46 in Hangzhou, China. Graduated, Physics, Fudan Univ. '68; Ph.D. Physics, Virginia Tech. '83; Postdoc, U. of Minnesota '83-84; U of Maryland '84-86; ETH-Zurich '86-88. Prof. U. of Cincinnati '88-06; Chair Prof. of Phys., U. of Hong Kong, '03-'14. Zhou Guangzhao Prof. of Natural Sci., U. of Hong Kong, '11-'14; 1000-plan and Professor, Phys. Dept., Zhejiang U, '14- present. APS Fellow, '99; University Distinguished Research Prof, Cincinnati '02; Distinguished Research Achievement Award, U of Hong Kong, '05. Director, Center of Theo. & Computational Phys., U of Hong Kong, '05-'10; President of Phys. Soc. of Hong Kong, '05-'07; Coordinator of Condensed Matter Division, OCPA, '02-03; Div. Assoc. Editor, Physical Review Letters, '07-'09; Editor of EPL, '07-'10; Sci. Council Member, APCTP, since '08.

Zhang, Rui Qin (張瑞勤)

Professor of Physics, City University of Hong Kong (since 2010). EDUCATION: B.Sc. Physics, Shandong University (1983); Ph.D. Physical Chemistry, Shandong University (1992). HONORS & AWARDS: Third-class State Natural Science Award of China (1997); First-class Award of Scientific and Technological Development of China (1997); Friedrich Wilhelm Bessel Research Award of the Alexander von Humboldt Foundation (2004); Second-class State Natural Science Award of China (2005); Visiting Professorship, Université Pierre & Marie Curie-Paris 6 (2014). RESEARCH: Computational physics, condensed matter physics, surface science, nanoscience and nanotechnology, materials chemistry, and materials physics, with recent focus on interactions of nanomaterials with chemical and biological systems aiming to promote the applications of nanostructured materials in energy-related, chemical, biological, medical, and environmental areas. He has also experiences in developing related theories and methods. Current President, Hong Kong Physical Society.

Zhong, Dongping (仲冬平)

Robert Smith Professor of Physics, Dept. Phys, Ohio State Univ.; B.S. Huazhong University of Science and Technology (HUST) '85; Ph. D. Caltech '99; Postdoc, Caltech '99-'02; Faculty at Ohio State Univ. since '02. APS fellow; AAAS fellow. Awards: Guggenheim fellowship; OYRA; Camille Dreyfus Teacher-Scholar Award; NSF CAREER award; Sloan Research Fellowship; Packard Fellowship; Milton and Francis Clauser Doctoral Prize; The Herbert Newby McCoy Award; Research Interest: Biophysics (biological dynamics).

ZHOU, Xing-Jiang (周兴江)

Professor of Physics, Institute of Physics, Chinese Academy of Sciences, Beijing (since 2004). EDUCATION: B.Sc. Chemistry and Chemical Engineering, Tsinghua University (1988); Master, Materials Science and Engineering, Tsinghua University (1990); Ph.D. Physics, Institute of Physics, Chinese Academy of Sciences (1994); Humboldt Research Fellow, Max-Planck-Institut für Festkörperforschung, Stuttgart, Germany (1994-1997). EXPERIENCES: Physicist and Beamline Scientist, Stanford University and Lawrence Berkeley National Lab (1997-2006); Director, National Lab for Superconductivity, Institute of Physics, Chinese Academy of Sciences (2009-present). HONORS & AWARDS: Achievement in Asia Award (Robert T. POE Prize), International Organization of Chinese Physicists and Astronomers (2014); Hu Gangfu Award, Chinese Physical Society (2009); Zhou Guangzhao Award for "Outstanding Youth in Basic Science", Zhou Guangzhao Foundation (2008); Mao Yisheng Beijing Youth Science Award (2006); Outstanding Youth Award, National Science Foundation of China (2005); David A. Shirley Award for "Outstanding Scientific Achievement at the ALS" Lawrence Berkeley National Lab. (2003). RESEARCH: Experimental condensed matter physics, particularly in strongly correlated electron systems such as unconventional superconductors like high-temperature copper-oxide superconductors, Fe-based superconductors, magnetic and spintronic materials, low-dimensional and nanoscale materials, and topological insulators and topological superconductors.

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