

**List of chairs, secretaries, convenors, and project leaders
in international standards developing organizations**

(as of Mar. 2017)

ISO			
ISO/REMCO (Committee on reference materials) / AHG4 (Chemical purity CRMs)	Convenor	Takeshi SAITO	Leader, Metrological Information Research Group, Research Institute for Material and Chemical Measurement
ISO/TC 24 (Particle characterization including sieving) / SC4 (Particle characterization) / WG12 (Electrical mobility and number concentration analysis for aerosol particles)	Co-Convenor	Hiromu SAKURAI	Leader, Particle Measurement Research Group, Research Institute for Material and Chemical Measurement
ISO/TC28 (Petroleum products and lubricants) / SC4 (Classifications and specifications) / WG13 (Classification and specifications of commercial Di-Methyl Ether (DME))	Convenor	Mitsuharu OGUMA	Leader, Engine Combustion and Emission Control Group, Research Institute for Energy Conservation
ISO/TC28 (Petroleum products and lubricants) / SC5 (Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuel)	Chairperson	Shinichi GOTO	Emeritus Researcher, Research Institute for Energy Conservation
ISO/TC43 (Acoustics) / WG1 (Threshold of hearing)	Convenor	Kenji KURAKATA	Principal Research Manager, Human Informatics Research Institute
ISO/TC43 (Acoustics) / WG1 (Threshold of hearing)	Project Leader	Kenji KURAKATA	Principal Research Manager, Human Informatics Research Institute
ISO/TC43 (Acoustics) / SC2 (Building acoustics) / WG18 (Measurement of sound insulation in buildings and of building elements)	Project Leader	Hiroshi SATO	Senior Planning Manager, General Planning Office, Planning Headquarters
ISO/TC45 (Rubber and rubber products) / SC2 (Testing and analysis) / WG5 (Chemical tests)	Project Leader	Masao KUNIOKA	Councilor, Intellectual Property and Standardization Promotion Division
ISO/TC61 (Plastics) / SC5 (Physical-chemical properties) / WG11 (Analytical methods)	Project Leader	Kayori TAKAHASHI	Senior Researcher, Particle Measurement Research Group, Research Institute for Material and Chemical Measurement
ISO/TC61 (Plastics) / SC5 (Physical-chemical Properties) / WG22 (Biodegradability)	Convenor	Masao KUNIOKA	Councilor, Intellectual Property and Standardization Promotion Division
ISO/TC61 (Plastics) / SC5 (Physical-chemical Properties) / WG23 (bioplastics)	Convenor	Masao KUNIOKA	Councilor, Intellectual Property and Standardization Promotion Division
ISO/TC108 (Mechanical vibration, shock and condition monitoring) / SC3 (Use and calibration of vibration and shock measuring instruments)	Project Leader	Takashi USUDA	Deputy Director General, Research Promotion Division of National Metrology Institute of Japan
ISO/TC112 (Vacuum technology) / WG2 (Vacuum instrumentation)	Project Leader	Kenta ARAI	Senior Researcher, Pressure and Vacuum Standards Group, Research Institute for Engineering Measurement
ISO/TC112 (Vacuum technology) / WG3 (Vacuum hardware)	Convenor	Masahiro HIRATA	Collaborating Visitors, Intellectual Property and Standardization Promotion Division
ISO/TC122 (Packaging) / WG9 (Accessible design for packaging)	Convenor	Ken SAGAWA	Emeritus Researcher, Human Informatics Research Institute

ISO/TC135 (Non-destructive testing) / SC8 (Thermographic testing) / WG2 (NDT-IRT-General principles)	Convenor	Koji HYODO	Deputy Director, Human Informatics Research Institute
ISO/TC135 (Non-destructive testing) / SC8 (Thermographic testing) / WG2 (NDT-IRT-General principles)	Project Leader	Koji HYODO	Deputy Director, Human Informatics Research Institute
ISO/TC146 (Air quality) / SC1 (Stationary source emissions) / WG28 (Ammonia)	Convenor	Takashi IBUSUKI	Emeritus Researcher, Environmental Management Research Institute
ISO/TC146 (Air quality) / SC1 (Stationary source emissions) / WG31 (Individual VOC in waste gas)	Convenor	Takashi IBUSUKI	Emeritus Researcher, Environmental Management Research Institute
ISO/TC146 (Air quality) / SC1 (Stationary source emissions) / WG32 (Hg)	Convenor	Takashi IBUSUKI	Emeritus Researcher, Environmental Management Research Institute
ISO/TC146 (Air quality) / SC6 (Indoor air) / WG16 (Test methods for VOC detectors VOC)	Convenor	Ichiro MATSUBARA	Deputy Director-General, AIST Kansai
ISO/TC147 (Water quality) / SC2 (Physical, chemical and biochemical methods) / WG74 (PFAS LC-MS/MS)	Project Leader	Sachi TANIYASU	Senior Researcher, Marine Environment Research Group, Environmental Management Research Institute
ISO/TC147 (Water quality) / SC2 (Physical, chemical and biochemical methods) / WG77 (Alkylmercury compounds)	Convenor	Hiroaki TAO	Director-General, AIST Shikoku
ISO/TC150 (Implants for surgery) / SC7 (Tissue-engineered medical products) / WG3 (Tissueengineered medical products for skeletal tissues)	Convenor	Motohiro HIROSE	Senior Researcher, Biomaterials Research Group, Health Research Institute
ISO/TC150 (Implants for surgery) / SC7 (Tissue-engineered medical products) / WG3 (Tissueengineered medical products for skeletal tissues)	Project Leader	Kazuhiro HOMMA	Emeritus Researcher, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / WG2 (Ergonomics for people with special requirements)	Convenor	Ken SAGAWA	Emeritus Researcher, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC1 (General ergonomics principles) / WG5 (Ergonomic process standards)	Project Leader	Yui ENDO	Senior Researcher, Interactive Robotics Research Group, Intelligent Systems Research Institute
ISO/TC159 (Ergonomics) / SC3 (Anthropometry and biomechanics)	Chairperson	Masaaki MOCHIMARU	Director, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC3 (Anthropometry and biomechanics)	Secretary	Yoshiyuki KOBAYASHI	Senior Researcher, Digital Human Research Group, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC3 (Anthropometry and biomechanics) / WG1 (Anthropometry)	Convenor	Makiko KOUCHI	Invited Senior Researcher, Digital Human Research Group, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC4 (Ergonomics of human-system interaction) / WG10 (Accessible design for consumer products)	Convenor	Kenji KURAKATA	Principal Research Manager, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC4 (Ergonomics of human-system interaction) / WG10 (Accessible design for consumer products)	Project Leader	Ken SAGAWA	Emeritus Researcher, Human Informatics Research Institute

ISO/TC159 (Ergonomics) / SC4 (Ergonomics of human-system interaction) / WG12 (Image safety)	Convenor	Hiroyasu UJIKE	Leader, Sensory and Perceptual Information Design Group, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC5 (Ergonomics of the physical environment) / WG5 (Physical environments for people with special requirements)	Convenor	Nana ITOH	Senior Researcher, Sensory and Perceptual Information Design Group, Human Informatics Research Institute
ISO/TC159 (Ergonomics) / SC5 (Ergonomics of the physical environment) / WG5 (Physical environments for people with special requirements)	Project Leader	Ken SAGAWA	Emeritus Researcher, Human Informatics Research Institute
ISO/TC164 (Mechanical testing of metals) / SC3 (Hardness testing) / WG5 (Vickers hardness test)	Convenor	Satoshi TAKAGI	Senior Researcher, Vibration and Hardness Standards Group, Research Institute for Engineering Measurement
ISO/TC190 (Soil quality) / SC7 (Soil and site assessment) / WG6 (Leaching tests)	Upgrade Leader	Tetsuo YASUTAKA	Senior Researcher, Geo-Environmental Risk Research Group, Research Institute for Geo-Resources and Environment
ISO/TC201 (Surface Chemical Analysis)	Chairperson	Hidehiko NONAKA	Director, Research Institute for Measurement and Analytical Instrumentation
ISO/TC201 (Surface Chemical Analysis)	Secretary	Satoshi GONDA	Director, Research Planning Office, Research Promotion Division of National Metrology Institute of Japan
ISO/TC201 (Surface Chemical Analysis) / SC9 (Scanning probe microscopy)	Project Leader	Hiroshi ITOH	Senior Researcher, Nanoscopic Measurement Group, Research Institute for Measurement and Analytical Instrumentation
ISO/TC201 (Surface Chemical Analysis) / SC9 (Scanning probe microscopy) / SG3 (Nanoscale roughness measurement)	Convenor	Hiroshi ITOH	Senior Researcher, Nanoscopic Measurement Group, Research Institute for Measurement and Analytical Instrumentation
ISO/TC201 (Surface Chemical Analysis) / SC10 (X-ray Reflectometry (XRR) and X-ray Fluorescence (XRF) Analysis)	Secretary	Toshiyuki FUJIMOTO	Director, Research Institute for Material and Chemical Measurement
ISO/TC206 (Fine ceramics)	Secretary	Shuji SAKAGUCHI	Associate Manager, Chubu Collaboration Affairs Office, AIST Chubu
ISO/TC206 (Fine ceramics) / WG3 (Chemical analysis)	Convenor	Akiharu HIOKI	Manager, NMII International Cooperation Office, Research Promotion Division of National Metrology Institute of Japan
ISO/TC206 (Fine ceramics) / WG6 (Monolithic ceramics/Mechanical properties)	Project Leader	Hiroyuki MIYAZAKI	Senior Researcher, Ceramic microstructure control Group, Structural Materials Research Institute
ISO/TC206 (Fine ceramics) / WG9 (Photocatalysis)	Convenor	Koji TAKEUCHI	Asisntant Director General, Department of Energy and Environment
ISO/TC206 (Fine ceramics) / WG9 (Photocatalysis)	Project Leader	Koji TAKEUCHI	Asisntant Director General, Department of Energy and Environment
ISO/TC206 (Fine ceramics) / WG9 (Photocatalysis)	Project Leader	Yoshinari KONISHI	Senior Researcher, Advanced Functional Materials Team, Research Center for Photovoltaics
ISO/TC206 (Fine ceramics) / WG9 (Photocatalysis)	Project Leader	Tsutomu HIRAKAWA	Senior Researcher, Reaction Field Design Group, Environmental Management Research Institute

ISO/TC206 (Fine ceramics) / WG11 (Electrical and optical applications)	Project Leader	Yoshiro ICHINO	Chief Senior Researcher, Photometry and Radiometry Research Group, Research Institute for Physical Measurement
ISO/TC206 (Fine ceramics) / WG12 (Engineering applications)	Project Leader	Jun AKEDO	Director, Advanced Coating Technology Reserch Center
ISO/TC213 (Dimensional and geometrical product specifications and verification) / WG10 (Coordinate measuring machines)	Project leader	Toshiyuki TAKATSUJI	Director, Research Institute for Engineering Measurement
ISO/TC229 (Nanotechnologies) / JWG2 (Measurement and Characterization)	Convenor	Toshiyuki FUJIMOTO	Director, Research Institute for Material and Chemical Measurement
ISO/TC229 (Nanotechnologies) / JWG2 (Measurement and Characterization)	Project Co-Leader	Kazuhiro YAMAMOTO	Senior Planning Manager, Research and Innovation Promotion Headquarters
ISO/TC229 (Nanotechnologies) / JWG2 (Measurement and Characterization)	Project Leader	Haruhisa KATO	Senior Researcher, Particle Measurement Research Group, Research Institute for Material and Chemical Measurement
ISO/TC265 (Carbon dioxide capture, transportation, and geological storage) / WG3 (Storage)	Co-Convenor	Kinichirou KUSUNOSE	Invited Senior Researcher, Research Institute for Geo-Resources and Environment
ISO/TC281 (Fine Bubble Technology)	Secretary	Nobuhiro AYA	Supervisory Innovation Coordinator, Research and Innovation Promotion Headquarters
ISO/TC281 (Fine Bubble Technology) / WG1 (General principles including terminology)	Convenor	Akira YABE	Special Emeritus Advisor

IEC			
IEC /TC3 (Information structures, documentation and graphical symbols) / SC3C (Graphical symbols for use on equipment)	Secretary	Yoshikazu SEKI	Chief Senior Researcher, Physical Fitness Technology Group, Human Informatics Research Institute
IEC/TC45 (Nuclear instrumentation) / SC45B (Radiation protection instrumentation) / WG16 (Contamination meters and monitors)	Convenor	Akira YUNOKI	Leader, Radioactivity and Neutron Standards Group, Research Institute for Measurement and Analytical Instrumentation
IEC/TC45 (Nuclear instrumentation) / SC45B (Radiation protection instrumentation) / WG16 (Contamination meters and monitors)	Project Leader	Akira YUNOKI	Leader, Radioactivity and Neutron Standards Group, Research Institute for Measurement and Analytical Instrumentation
IEC/TC46 (Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories) / SC46F (RF and microwave passive components) / WG2 (Waveguides, Waveguide Flanges and Accessories)	Project Leader	Masahiro HORIBE	Leader, Electromagnetic Measurement Group, Research Institute for Physical Measurement
IEC/TC46 (Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories) / SC46F (RF and microwave passive components) / WG3 (General Test Methods in the Scope of SC46F)	Project Leader	Masahiro HORIBE	Leader, Electromagnetic Measurement Group, Research Institute for Physical Measurement
IEC/TC62 (Electrical equipment in medical practice) / SC62D (Electromedical equipment) / JWG35 (Medical robots) ISO/TC299 (Robotics) / JWG9 (Medical robots)	Project Leader	Kiyoyuki CHINZEI	Deputy Director, Health Research Institute
IEC/TC82 (Solar photovoltaic energy systems)	Chairperson	Michio KONDO	Supervisory Innovation Coordinator, Renewable Energy Research Center

IEC/TC86 (Fibre optics) / SC86C (Fibre optic systems and active devices) / WG5 (Dynamic Modules and devices)	Project Leader	Junya KURUMIDA	Senior Researcher, Minimal System Group, Nanoelectronics Research Institute
IEC/TC90 (Superconductivity) / WG14 (Superconducting electronic devices - Generic specification for sensors and detectors)	Convenor	Masataka OHKUBO	Supervisory Innovation Coordinator, Research Promotion Division of Electronics and Manufacturing
IEC/TC91 (Electronics assembly technology) / WG10 (Measuring and test methods for printed boards and printed board materials)	Project Leader	Kazuhiro NONAKA	Innovation Coordinator, Research Promotion Division of Electronics and Manufacturing
IEC / TC103 (Transmitting equipment for radio communication) / WG6 (Radio on fibre Transmitter)	Project leader	Satoru KUROKAWA	Leader, Electromagnetic Fields Standards Group, Research Institute for Physical Measurement
IEC/TC110 (Electronic display devices) / WG7 (Electronic Paper displays (EPD))	Convenor	Tatsumi TAKAHASHI	Invited Senior Researcher, Interactive Device Team, Flexible Electronics Research Center
IEC/TC113 (Nanotechnology for electrotechnical products and systems)	Chair	Akira ONO	Special Emeritus Advisor
IEC/TC113 (Nanotechnology for electrotechnical products and systems)	Project leader	Hiroyuki AKINAGA	Principal Research Manager, Nanoelectronics Research Institute
IEC/TC113 (Nanotechnology for electrotechnical products and systems) / WG7 (Reliability)	Convenor	Hiroyuki AKINAGA	Principal Research Manager, Nanoelectronics Research Institute
IEC/TC113 (Nanotechnology for electrotechnical products and systems) / WG11 (Nano-enabled energy storage)	Convenor	Nobuhiro KURIYAMA	Deputy Director, Research Institute of Electrochemical Energy
IEC/TC119 (Printed Electronics) / WG4 (Printability)	Project leader	Takehito KOZASA	Senior Researcher, Printed Electronics Device Team, Flexible Electronics Research Center

ISO/IEC/JTC1			
ISO/IEC/JTC1 (Information Technology) / SC24 (Computer graphics, image processing and environmental data representation) / WG9 (Augmented reality continuum concepts and reference model)	Project Editor	Takeshi KURATA	Leader, Service Sensing, Assimilation, and Modeling Research Group, Human Informatics Research Institute
ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG2 (Cryptography and security mechanisms)	Project Editor	Kazukuni KOBARA	Associate Manager for Industrial Science and Technology Program, General Planning Office, Planning Headquarters
ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG2 (Cryptography and security mechanisms)	Project Co-Editor	Seonghan SHIN	Senior Researcher, Advanced Cryptosystems Research Group, Information Technology Research Institute
ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG2 (Cryptography and security mechanisms)	Project Co-Editor	Hiroataka YOSHIDA	Senior Researcher, Cyber Physical Architecture Research Group, Information Technology Research Institute
ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG3 (Security evaluation, testing and specification)	Project Editor	Hirofumi SAKANE	Senior Researcher, Cyber Physical Security Research Group, Information Technology Research Institute
ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG3 (Security evaluation, testing and specification)	Project Editor	Asahiko YAMADA	Invited Senior Researcher, Advanced Cryptosystems Research Group, Information Technology Research Institute

ISO/IEC/JTC1 (Information Technology) / SC27 (IT Security techniques) / WG5 (Identity management and privacy technologies)	Project Editor	Asahiko YAMADA	Invited Senior Researcher, Advanced Cryptosystems Research Group, Information Technology Research Institute
ISO/IEC/JTC1 (Information Technology) / SC35 (User interfaces) / WG5 (Cultural and linguistic adaptability)	Project Editor	Yoshikazu SEKI	Chief Senior Researcher, Physical Fitness Technology Group, Human Informatics Research Institute
ISO/IEC/JTC1 (Information Technology) / SC35 (User interfaces) / WG6 (User interfaces accessibility)	Project Editor	Yoshikazu SEKI	Chief Senior Researcher, Physical Fitness Technology Group, Human Informatics Research Institute
ISO/IEC/JTC1 (Information Technology) / SC35 (User interfaces) / WG6 (User interfaces accessibility)	Project leader	Junji OHYAMA	Senior Researcher, Sensory and Perceptual Information Design Group, Human Informatics Research Institute
ISO/IEC/JTC1 (Information Technology) / SC37 (Biometrics) / WG2 (Biometric technical interfaces)	Project Editor	Asahiko YAMADA	Invited Senior Researcher, Advanced Cryptosystems Research Group, Information Technology Research Institute
ISO/IEC/JTC1 (Information Technology) / SC37 (Biometrics) / WG5 (Biometric testing and reporting)	Co-Editor	Tetsushi OHKI	AIST Postdoctoral Researcher, Advanced Cryptosystems Research Group, Information Technology Research Institute

Others			
CIE (International Commission on Illumination) / JTC 5 (Review of IEC 62471/CIE S009)	Co-Chairperson	Hiroshi SHITOMI	Leader, Photometry and Radiometry Research Group, Research Institute for Physical Measurement
CIE (International Commission on Illumination) / Division1 (Vision and Colour) / TC1-84 (Definition of Visual Field for Conspicuity)	Chairman	Nana ITOH	Senior Researcher, Sensory and Perceptual Information Design Group, Human Informatics Research Institute
CIE (International Commission on Illumination) / Division 2 (Physical Measurement of Light and Radiation)	Associate Director	Hiroshi SHITOMI	Leader, Photometry and Radiometry Research Group, Research Institute for Physical Measurement
OMG (Object Management Group) / Robotics-DTF	Co-Chair	Tetsuo KOTOKU	Innovation Coordinator, Research Promotion Division of Information Technology and Human Factors
OMG (Object Management Group) / Robotics-DTF / Robotic Functional Services WG	Co-Chair	Toshio HORI	Senior Researcher, Digital Human Research Group, Human Informatics Research Institute
OMG (Object Management Group) / RoIS FTF	Co-Chair	Toshio HORI	Senior Researcher, Digital Human Research Group, Human Informatics Research Institute
OMG (Object Management Group) / System Assurance Platform Task Force	Co-Chair	Kenji TAGUCHI	Invited Senior Researcher, Software Analytics Research Group, Information Technology Research Institute
VAMAS/TWA28 (Spectrometry of Synthetic Polymers)	Chair	Shinichi KINUGASA	Reference Materials Office, Center for Quality Management of Metrology