

ISRP YOKOHAMA 2016 Conference Program

Monday 7th Nov.

16:00-18:00	Registration	Hotel New Grand
18:00-20:00	Welcome Reception	Rainbow Ball Room

Tuesday 8th Nov. (Rainbow Ball Room)

9:00-9:10	Opening Remarks and Local Information	Yoshimi Matsumura
9:10-10:10	Welcome & Invited Lecture	Mike Clayton
	POF005 Improving the Use of Respiratory Protection	Mike Clayton
	POF001 IOHA and ISRP: International & UK Perspectives	Karen J Niven
10:10-10:30	Coffee Break	
Session 1 Direction in Respiratory Protection		
10:30-10:50	POF027 National Framework for PPE – A Conformity Assessment Infrastructure	Maryann D'Alessandro
10:50-11:10	POF032 Evolution of Qualitative Fit Test Protocols in the United States	Craig Colton
11:10-11:30	POF017 NIOSH Research on Powered Air-Purifying Respirators	Ziqing Zhuang
11:30-11:50	POF037 National Institute for Occupational Safety and Health Framework for Enhancing Powered Air- Purifying Respirator Performance Approval Requirements to Better Meet the Needs of Users	Colleen S Miller
11:50-13:20	Lunch Break (on your own)	
Session 2 ISO & Standards 1		
13:20-13:40	POF011 ISO Gas Filter Testing...the Upcoming ISO17420-2	Lars Ronner
13:40-14:00	POF025 Development of Requirements for the Special Application CBRN as Part of the ISO Respiratory Protective Device Standard	Simon Smith
14:00-14:20	POF033 Is the ISO Total Inward Leakage Test a Simulated Workplace Protection Factor Study?	Geoffrey Betsinger
14:20-14:40	POF022 Comparison of ISO Work of Breathing and NIOSH Air Flow Resistance Test Methods.	William P King
14:40-15:00	POF036 Determining the Feasibility of Using International Organization for Standardization Voluntary Consensus Standards for Verification of Respiratory Protective Devices	Colleen S Miller
15:00-15:20	Coffee Break	

Session 3 Standards 2 & Nano Risks & Exposure

15:20-15:40	POF026	Current Activities in Respiratory Protection Standards in Canada	Simon Smith
15:40-16:00	POJ004	Systematic Review for World Health Organization Guidelines on Protecting Workers from Potential Risks of Manufactured Nanomaterials: Specific Risk Mitigation Technique	Toshihiko Myojo
16:00-16:20	POF029	Ultimate Passive Dosimeter for Respiratory Exposure Estimations	Girish Srinivas
16:20-16:40	POJ007	Determination of Air Filter Collection Efficiency for Nanoparticles with Macromolecular Ions	Hisashi Yuasa
16:40-17:00	POJ010	Measurement of Single Nanoparticle Penetration Through Filters for Respirators	Yusuke Sekiguchi
17:00		Close	
18:00-20:00		Japan Festa	Phoenix Room

Wednesday 9th Nov. (Admiral Perry's Room)

9:00-12:00		Symposium <i>"Fit Testing and Education for Respirator Wearers"</i>	Chair: Simon Smith
	POF002	Searching for the Optimal Challenge Aerosol Size Distribution for Qualitative Fit Testing	Chih-Chieh Chen
	POF007	Applying Lessons Learned to Develop Best Practice Tools for Respiratory Protection Programs in Healthcare	Maryann D'Alessando
		— Coffee Break —	
	POF003	The Education and Practice Program for Medical Students and Health Care Workers in Korea	Jun-Pyo Myong
	POF006	Within-Wearer Variation in Fit of FFP3 Filtering Respirators	Rhiannon Mogridge
	POJ002	Japanese Enlightenment Activity of Safety and Health Education of Safety and Health Equipment	Takeshi Abe
12:00-13:00		Buffet Lunch	Rainbow Ball Room

Session 4 Fit & Leakage

13:00-13:20	POF019	Can the SWPF Study be the New WPF Study?	Craig Colton
13:20-13:40	POF009	Work Protection Factor of RPD's Used in Asbestos Abatement Operations in France	Eric Silvente
13:40-14:00	POF012	Simulated Workplace Protection Factor Study on Full Face Negative Pressure Respirators	Mike Clayton
14:00-14:20	POF008	Simulated Workplace Protection Factors for Workers in the Asbestos Removal Industry	Menno De Jonge
14:20-14:40	POF018	Recommended Test Methods and Pass/Fail Criteria for a Respirator Fit Capability Test of Half-Mask Air-Purifying Respirators	Ziqing Zhuang

14:40-15:00	POF031	A Miniature Sampler for “In-Mask” Workplace Measurements – Laboratory Comparisons with Existing Methods	Rhiannon Mogridge
15:00-15:20		Coffee Break	
Session 5 Physiology 1 & Breathing			
15:20-15:40	POJ003	Physiological Effects of Wearing Respiratory Protective Equipment	Kazunori Ikegami
15:40-16:00	POF030	A Tool Set for the Developer of Respiratory Equipment	David Cowgill
16:00-16:20	POF014	Work of Breathing, a Proven and Not-So-Novel Way to Judge RPD	Dan Warkander
16:20-16:40	POF015	It Is Justifiable to Use a Sinusoidal Flow Pattern When Measuring Work of Breathing.	Dan Warkander
16:40-17:00	POJ006	Breath-Sampling Aimed to Provide Appropriate Evaluation on Performance of Mask for Elementary School Children	Hiroki Haruta
17:00-17:20	POF020	Evaluation of a Personal Data Logger to Measure Real-Time Breathing Cycles Across Varying Work Rates	Jane Whitelaw
17:20		Close	

Thursday 10th Nov. (Admiral Perry's Room)

Session 6 Selection and Usage of Respirators in Health Care			
9:00-9:30	POF004	Keynote Address Importance of Selecting/Training the Use of Respirators: Review of Infected Cases of Health Care Workers(HCWs) against MERS-CoV in 2015 Korea	Hyunwook Kim
9:30-9:50	POF010	Factors Relevant to Elastomeric Respirator Selection and Use in Healthcare Identified by Qualitative Data Methods	Stella Hines
9:50-10:10		Coffee Break	
Session 7 Device for PPE			
10:10-10:30	POF028	Burn Saver Device for Firefighter PPE Protection	Girish Srinivas
10:30-10:50	POF024	PIMEX: An Innovative Tool for Risk Communication	Helma J. Hiddinga-Schipper
10:50-12:00		Annual General Meeting	
12:00-13:00		Bento Lunch	Rainbow Ball Room
12:00-13:00		BOD Meeting (Bento Lunch)	Starlight Room

13:00-15:00		Exhibition & Poster Presentation	Phoenix Room Admiral Perry's Room
15:00-15:20		Coffee Break	
Session 8 Gas/Vaper Adsorption & Awarded Presentations			
15:20-15:40	POJ011	Requested Presentation Fabrication of Amine Contained PMMA Nanofiber for Detection and Collection of Toxic Gas	Ryo Kato
15:40-16:00	POF021	Service Life Assessment by Measuring Residual Capacity	Charles R Manning
16:00-16:20	POF023	- Arthur Johnson Young Researcher Award – Integrating a Toxicological Approach for Breakthrough Curves of Vapor Mixtures in the Estimation of Respirator Cartridge Service Life	Florence Janvier
16:20-16:40	POF035	- Bob Bentley Bursary Award – The Effect of Temperature on Adsorption	Jamie Drew
16:40-17:00		- Bill Revoir Award - A Career in Respiratory Protection	Graham Bostock
17:00		Close	
19:00-21:30		Award Dinner	Admiral Perry's Room

Poster Presentations

Thursday 10th Nov. 13:00-15:00 (Admiral Perry's Room)

No.	Presentation Title	Presenter
PPF001	Developing Yellow Dust & Fine Particulate Masks for Children	Hyunwook Kim
PPJ001	An Improved Evaluation Method of Protection Performance of Medical Face Mask against Penetration by Liquid Splash	Katsuaki Shinohara
POF002	Evaluation of the Leakage Test Methods for Exhalation Valve	Ning Yu
PPF003	Study on the Faceseal Leakage Characteristics of Self-Contained Breathing Apparatus	Shyang-Haw Yang
PPF004	Development and Evaluation of Cool and Clean Air Motorcycle Helmets	Ai-Lun Jian
PPF005	Improvement of Quantitative Fit Test Methods Using Ambient Aerosols	Kai-Jie Yang
PPF007	Recovery of Bacteria in N95 Respirators and Surgical Masks	Chane-Yu Lai
PPF008	Does Beard Equals Fit Test Fail?	Lillemor Örebrand
PPF009	Evaluation Tests of a Newly Developed Disposable Respirator –PD-99	Moran Bodas

PPF010 **Development and Validation of a Method to Evaluate the Penetration of Diesel Particulate Matter through Respirator Filter Media, at Flow Rates Representative of Moderate to Heavy Work**

Kerrie Burton

Friday 11th Nov. (Admiral Perry's Room)

Session 9 Physiology 2 & Human Factors			
9:00-9:30	POJ001	Keynote Address Physiologic Impact on Workers Wearing Protective Devices	Shoko Kawanami
9:30-9:50	POJ008	On Factors of Discomfort When Wearing Respirators with Loading of Ergometer Exercise	Saki Hanaoka
9:50-10:10		Coffee break	
Session 10 Human Factors 2 & Filtering			
10:10-10:30	POF016	Human Factors of Wearable Closed Circuit Mining Escape Rebreather	Jennica Bellanca
10:30-10:50	POJ005	Survey on Face Size of Japanese Workers for Evaluating Respirator Fit	Hiroki Haruta
10:50-11:10	POJ009	Reproducibility of Particle Penetration of the Glass Fiber Filter used as a Standard Filter to Check the Condition of the Penetration Measuring Instruments	Naoyuki Iijima
11:10-11:30	POF034	Factors Affecting Filter Penetration and Quality Factor of Particulate Respirators	Sheng-Hsiu Huang
11:30-11:50		Next Conference Information	Maryann D'Alessandro
11:50-12:00		Closing Remarks	Toshihiko Myojo
12:00-13:00		Lunch Break (on your own)	
13:00-17:00		Plant Bus Tour : NISSAN Motor Co. Ltd.	
17:00		Close	
