

AIVC 2017 Conference- List of accepted papers

- **Statistics, analysis and conclusions from 250,000 blower door tests, including ventilation types.** *Barry Cope (ATTMA)*
- **Design and operation of ventilation in low energy residences – A survey on code requirements and building reality from six European countries and China.** *Maria Bocanegra-Yanez (University of Strathclyde), Gabriel Rojas (Lawrence Berkeley National Laboratory), Daria Zukowska-Tejsen (Technical University of Denmark), Esfand Burman (UCL Institute for Environmental Design and Engineering), Guangyu Cao (Norwegian University of Science and Technology), Mathieu Pierre Yves Hamon (Norwegian University of Science and Technology), Jakub Kolarik (Technical University of Denmark)**
- **Demand controlled ventilation in school and office buildings: lessons learnt from case studies.** *Bart Merema (KU Leuven), Muhannad Delwati (KU Leuven), Maarten Sourbron (KU Leuven), Hilde Breesch (KU Leuven)*
- **Durability of building airtightness, review and analysis of existing studies.** *Valerie Leprince (PLEIAQ), Bassam Moujalled (CEREMA), Andrés Litvak (CEREMA)*
- **Will naturally ventilated dwellings still be safe under heat waves?** *Jean-Marie Alessandrini (CSTB), Jacques Riberon (CSTB)*
- **Long-time durability of passive house building airtightness.** *Søren Peper (Passive House Institute), Oliver Kah (Passive House Institute), Wolfgang Feist (Passive House Institute)*
- **Experimental and Numerical Investigation of Air Distribution in a Large Space.** *Ali Alzaid (Brunel University), Maria Kolokotroni (Brunel University), Hazim Awbi (Brunel University)*
- **Methodology for the characterization of the envelope airtightness of the existing housing stock in Spain.** *Irene Poza-Casado (Universidad de Valladolid), Alberto Meiss (Universidad de Valladolid), Miguel Ángel Padilla-Marcos (Universidad de Valladolid), Jesús Feijó-Muñoz (Universidad de Valladolid)*
- **Impact of ductwork airtightness on fan energy use: calculation model and test case.** *Valérie Leprince (PLEIAQ), François Rémi Carrié (ICEE)*
- **Thermal performance of ventilated solar collector with energy storage containing phase change material.** *Hu Yue Hu (Aalborg University), Per Kvals Heiselberg (Aalborg University)*
- **Assessment of airflow measurement uncertainty at terminal devices.** *Adeline Bailly Mélois (Cerema), Elodie Rousseuw (Cerema), Isabelle Caré (CETIAT), François Rémi Carrié (ICEE)*
- **Evaluating natural ventilation cooling potentials during early building designs.** *Jun Cheng (Concordia University), Dahai Qi (Concordia University), Ali Katal (Concordia University), Liangzhu (Leon) Wang*
- **Preventing condensation and frosting in an energy recovery ventilator using a preheat coil.** *Won-Jun Kim (Hanyang University), Shiyong Li (Hanyang University), Min-Suk Jo (Hanyang University), Eun-Ji Choi (Hanyang University), Jae-Weon Jeong (Hanyang University)*
- **Evaluation of thermal comfort in an office building served by a liquid desiccant-assisted evaporative cooling air conditioning system.** *Hye-Jin Cho (Hanyang University), Jang-Hoon Shin (Hanyang University), Joon-Young Park (Hanyang University), Won-Jun Kim (Hanyang University), Jae-Weon Jeong (Hanyang University)*
- **Energy performance prediction of thermoelectric ceiling radiant panels with a dedicated outdoor air system.** *Hansol Lim (Hanyang University), Janghoon Shin (Hanyang University), Shiyong Li (Hanyang University), Hye-Jin Cho (Hanyang University), Jae-Weon Jeong (Hanyang University)*
- **Microorganism contaminants removal in a liquid desiccant dehumidification system.** *Joon-Young Park (Hanyang University), Eun-Ji Choi (Hanyang University), Seong-Yong Cheon (Hanyang University), Hye-Won Dong (Hanyang University), Jae-Weon Jeong (Hanyang University)*
- **Building and ductwork airtightness requirements in Europe – Comparison of 10 European countries.** *Valérie Leprince (PLEIAQ), François Rémi Carrié (INIVE), Maria Kapsalaki (INIVE)*
- **Application of open-source CFD software to the indoor airflow simulation.** *Cong Wang (KTH), Sasan Sadrizadeh (KTH), Sture Holmberg (KTH)*

- **Energy Efficiency in a Thermal Comfort Field Work in Spain.** *Elena Barbadilla-Martín (Universidad de Sevilla), José Guadix Martín (Universidad de Sevilla), José Manuel Salmerón Lissén (Universidad de Sevilla), Pablo Aparicio-Ruiz (Universidad de Sevilla)*
- **A New Approach to Estimating Carbon Dioxide Generation Rates from Building Occupants.** *Andrew Persily (NIST), Lilian de Jonge (George Mason University)*
- **On the design and testing of Airtightness Modifier dedicated to the TIPEE IEQ House.** *Maxime Paquet (University of La Rochelle), Marcelli Martin (University of La Rochelle), Aline Bachelet (University of La Rochelle), Ekaterina Obukhova (University of La Rochelle), Emma Calamote (University of La Rochelle), Florian Lae (University of La Rochelle), Jérôme Nicolle (Tipee platform), Marc Abadie (University of La Rochelle)*
- **Air leakage of defects in the vapour barrier of compact roofs.** *Lars Gullbrekken (SINTEF), Petra Rüter (SINTEF), Tore Kvande (NTNU)*
- **The Development of Archetypes to Represent the Chilean Housing Stock.** *Constanza Molina (University of Nottingham), Benjamin Jones (University of Nottingham), Michael Kent (University of Nottingham), Ian P Hall (University of Nottingham)*
- **Effectiveness of Ventilative Cooling Strategies in Hot and Dry and Temperature Climates of India.** *Devna Vyas (CEPT University), Michael Apte (CEPT University)*
- **An Experimental Validation of an Indoor Radon Model that examines Energy Retrofit Buildings.** *James A. McGrath (NUI Galway), Miriam A. Byrne (NUI Galway)*
- **Delivery and performance of a ventilative cooling strategy: the demonstration case of a shopping centre in Trondheim, Norway.** *Annamaria Belleri (Eurac Research), Matthias Haase (SINTEF), Sotirios Papantoniou (Schneider Italia), Roberto Lollini (Eurac Research)*
- **Affordable and replicable renovation of social housing fulfilling indoor climate and energy targets thanks to seven replicable renovation elements.** *Nicolas Galiotto (VELUX), Peter Foldbjerg (VELUX), Jens Christoffersen (VELUX), Thorbjørn Færing Asmussen (VELUX), Sabine Pauquay (VELUX)*
- **Experiences regarding draught effects for ventilative cooling in cold climate.** *Maria Justo-Alonso (SINTEF), Solveig Blandkjenn (NTNU), Hans Martin Mathisen (NTNU)*
- **The Cleanliness Classification of Air-handling Components- A success Story in Finland.** *Laura Sariola (The Building Information Foundation RTS), Pertti Pasanen (University of Eastern Finland)*
- **Circadian House: a vision for homes designed to be healthy and human-centric.** *Peter Foldbjerg (VELUX A/S), Per Arnold Andersen (VELUX A/S), Nicolas Roy (VELUX A/S), Jens Christoffersen (VELUX A/S)*
- **The impact of the quality of homes on indoor climate and health: an analysis of data from the EU-SILC database.** *John Ashok (Ecofys), Andreas Hermelink (Ecofys), Nicolas Galiotto (VELUX A/S), Peter Foldbjerg (VELUX A/S), Katrine Bjerre Milling Eriksen (VELUX A/S), Jens Christoffersen (VELUX A/S)*
- **Façade Improvements to Avoid Draught in Cold Climates – Laboratory Measurements.** *Michael Gruner (SINTEF), Maria Justo-Alonso (SINTEF), Tor Helge Dokka (Skanska Teknikk)*
- **About 1,000 ductwork airtightness measurements performed in new French buildings: database creation and first analyses.** *Adeline Bailly Mélois (Cerema), Bassam Moujalled (Cerema)*
- **Development of protocol for sub-metering for ventilation models and verification for shopping centres.** *Matthias Haase (SINTEF)*
- **Heat Recovery Hybrid Ventilation System with a Thermal Storage.** *Akira Fukushima (Hokkaido University of Science), Sayaka Murata (Hokkaido Research Organization), Masahiro Uozumi (Hokkaido University of Science)*
- **Coupling night ventilative and active cooling to reduce energy use in supermarkets with high refrigeration loads.** *Zoi Mylona (Brunel University London), Maria Kolokotroni (Brunel University London), Savvas Tassou (Brunel University London)*
- **Study of variants to classical mechanical exhaust ventilation systems by using mechanical exhaust in habitable rooms.** *Ivan Pollet (Renson), Anneleen Vens (Renson), Frederik Losfeld (Renson), Xavier Faure (CEA tech)*

- **Component leakage: potential improvement graphs and classification of airpaths.** *Martin Prignon (Université catholique de Louvain), Felipe Ossio (Pontifica Universidad Católica de Chile), Manon Brancart (Entreprises Jacques Delens S.A.), Arnaud Dawans (Entreprises Jacques Delens S.A.), Geoffrey van Moeseke (Université catholique de Louvain)*
- **Evaluating the Performance of Island Kitchen Range Hoods.** *Iain Walker (LBNL), Gabriel Rohas (LBNL), Jordan Clark (LBNL), Max Sherman (LBNL)*
- **Assessing Occupant and Outdoor Air Impacts on Indoor Air Quality in New California Homes.** *Iain S. Walker (LBNL), Yang-Seon Kim (LBNL), Brett C. Singer (LBNL), W. Rengjie Chan (LBNL)*
- **Contaminant stratification in displacement ventilated spaces - a two zone model approach. Model prediction compared to experimental data.** *Tor Helge Dokka (Skanska Norway), Niels Lassen (Skanska Norway), Maria Myrup (Skanska Norway)*
- **Numerical analysis of the potential of using light radiant ceilings in combination with diffuse ventilation to achieve thermal comfort in NZEB buildings.** *Marie Rugholm Krusaa (DTU), Christian Anker Hviid (DTU), Jakub Kolarik (DTU)*
- **Natural ventilation systems in Mediterranean schools. A prototype experience in Andalusia as an alternative to mechanical ventilation.** *Maite Gil-Báez (University of Seville), Ángela Barrios-Padura (University of Seville), Carmen Roldán-Vendrell (University of Seville), Marta Molina-Huelva (University of Seville)*
- **Natural Pressure Differential – Infiltration through Wind Results of a Long-Term Measurement.** *Oliver Solcher (Fachverband Luftdichtheit im Bauwesen e.V.), Stefanie Rolfsmeier (Ingenieurgesellschaft Bau + Energie + Umwelt GmbH), Paul Simons (Ingenieurgesellschaft Bau + Energie + Umwelt GmbH)*
- **Mixed-mode ventilative cooling opportunity for an existing shopping mall retrofit.** *Marta Avantaggiato (EURAC Research), Annamaria Belleri (EURAC Research), Michele De Carli (University of Padua), Roberto Lollini (EURAC Research)*
- **From EN 779 to ISO 16890: a new worldwide reference test method for general ventilation filters.** *Alain Ginestet (CETIAT)*
- **The effect of adjustable cooling jet on thermal comfort and perception in warm office environment – a laboratory study.** *Henna Maula (Finnish Institute of Occupational Health), Hannu Koskela (Finnish Institute of Occupational Health), Annu Haapakangas (Finnish Institute of Occupational Health), Valtteri Hongisto (Finnish Institute of Occupational Health)*
- **A study of panel ridges effect on heat transfer and pressure drop in a ventilation duct.** *Thiago Santos (Brunel University London), Maria Kolokotroni (Brunel University London), Nick Hopper (Monodraught Ltd.), Kevin Yearley (Monodraught Ltd.)*
- **A Method to Measure Emission Rates of PM2.5s from Cooking.** *Catherine O'Leary (University of Nottingham), Benjamin Jones (University of Nottingham)*
- **Cool materials in the urban built environment to mitigate heat islands: potential consequences for building ventilation.** *Carolina de Rezende Maciel (Mackenzie Presbyterian University), Maria Kolokotroni (Brunel University London)*
- **Hybrid ventilation in new and refurbished school buildings– the future of ventilation.** *Simone Steiger (Fraunhofer Institute for Building Physics), Jannick Karsten Roth (WindowMaster)*
- **The future of hybrid ventilation in office buildings – energy simulations and lifecycle cost.** *Simone Steiger (Fraunhofer Institute for Building Physics), Jannick Karsten Roth (WindowMaster)*
- **The effectiveness of mechanical exhaust ventilation in dwellings.** *Romy Van Gaever (BBRI), Jelle Laverge (UGhent), Samuel Caillou (BBRI)*
- **Investigation of future ventilation flow rate requirements for dwellings in Belgium: from the application of FprEN16798-1:2016 to proposed robust rules.** *Samuel Caillou (BBRI), Romy Van Gaever (BBRI), Jelle Laverge (UGhent)*
- **Advanced airflow distribution methods for reducing exposure of indoor pollution.** *Guangyu Cao (Norwegian University of Science and Technology), Peter Nielsen (Aalborg University), Arsen Melikov (DTU), Risto Kosonen (Aalto University)*
- **Challenges of using passive ventilation to control the overheating of dwellings in noisy environments.** *Nick Conlan (Apex Acoustics Ltd), Jack Harvie-Clark (Apex Acoustics Ltd)*

- **How loud is too loud? Noise from domestic mechanical ventilation systems.** *Jack Harvie-Clark (Apex Acoustics Ltd), Nick Conlan (Apex Acoustics Ltd), Weigang Wei (Apex Acoustics Ltd), Mark Siddall(LEAP)*
- **The influence of occupancy behaviour on the performance of mechanical ventilation systems regarding energy consumption and IAQ.** *Nicolás Carbonare (Fraunhofer ISE), Fabien Coydon (Fraunhofer ISE), Arnulf Dinkel (Fraunhofer ISE), Constanze Bongs (Fraunhofer ISE)*
- **Possible UK residential demand-controlled ventilation assessment methodology.** *Simon Jones (Aereco), Ivan Pollet (Renson), Frederik Losfeld (Renson), Michael Reeves (Renson), Pierre Lopez (Aereco), Elsa Jardinier (Aereco), Jelmer de Jong(Brink)*
- **Impact assessment of natural ventilation on thermal comfort levels in sustainable residential buildings.** *Elli Tsirintoulaki (Technical University of Crete), Dionysia Kolokotsa (Technical University of Crete), Konstantinos Gompakis (Technical University of Crete), Nikolaos Kampelis (Technical University of Crete)*
- **Experimental study on the in-situ performance of a natural ventilation system with heat recovery.** *Paraskevi Vivian Dorizas (UCL), Tom Lipinski (Ventive Ltd), Dimitrios Makris-Makridis (Ventive Ltd), Samuel Stamp (UCL), Dejan Mumovic (UCL)*
- **Technologies to overcome effects of condensation in exchangers of ventilation units - analysis of monitored field studies.** *Bart Cremers (Zehnder Group), Tristan Bakker (Zehnder Group)*
- **TVOC concentrations measured in Belgium dwellings and their potential for DCV control.** *Robin De Sutter (Ghent University), Ivan Pollet (Renson), Anneleen Vens (Renson), Frederik Losfeld (Renson), Jelle Laverge (Ghent University)*
- **Methodology for assessing the air-exchange performance of residential ventilation systems.** *Rob C.A. van Holsteijn (VHK), Jelle Laverge (UGhent), William L.K. Li (VHK)*
- **A 'use factor' for HRV in intermittently heated dwellings.** *Willem Faes (UGhent), Hugo Monteyne (UGhent), Michel Depaepe (UGhent), Jelle Laverge (UGhent)*
- **Development and measurement results of a compact Counterflow Heat Recovery Fan for single/double room ventilation.** *Christoph Speer (University Innsbruck), Rainer Pfluger (University Innsbruck)*
- **Towards the definition of an indoor air quality index for residential buildings based on long- and short-term exposure limit values.** *Louis Cony Renaud-Salis (University of La Rochelle), Olivier Ramalho (University of La Rochelle), Marc Abadie (CSTB)*
- **Air leakage variations due to changes in moisture content in wooden construction - magnitudes and consequences.** *Fredrik Domhagen (Chalmers University of Technology), Paula Wahlgren (Chalmers University of Technology)*
- **Pollutant exposure of the occupants of dwellings that complies with the Spanish indoor air quality regulations.** *Sonia Garcia_Ortega (Eduardo Torroja Institute)*1, Pilar Linares_Alemparte (Eduardo Torroja Institute)*
- **Indoor air quality in mechanically ventilated residential dwellings/low-rise buildings: A review of existing information.** *Amar Aganovic (NTNU), Mathieu Hamon (DTU), Jakub Kolarik (INSA de Lyon), Guangyu Cao (NTNU)*
- **The Reintroduction of Natural Ventilation to a 19th Century Opera House, Utilising Calibrated Computer Simulation and User Operation.** *Julia Thompson (Victoria University of Wellington), Michael Donn (Victoria University of Wellington), George Baird (Victoria University of Wellington)*
- **Field measurement of carbonyl compound and particles in South Korea residential spaces.** *KyungMo Kang (Yonsei University), Yun Gyu Lee (Korea Institute of Construction Technology), Chul Woong Shin (Korea Conformity Laboratories)*
- **An interface of night ventilation and mass structure for passive cooling design strategy in Ghadames traditional dwellings.** *Jamal Alabid (Leicester School of Architecture), Ahmad Taki (Leicester School of Architecture)*
- **Inter-model comparison of indoor overheating risk prediction for English dwellings.** *Giorgos Petrou (UCL), Anna Mavrogianni (UCL), Anastasia Mylona (CIBSE), Rokia Raslan (UCL), Gurdane Virk (Atkins), Michael Davies (UCL)*

- **The flow interaction of air distribution with thermal plumes and the effect on the air velocity fluctuation under increased heat load conditions.** *Sami Lestinen (Aalto University), Simo Kilpeläinen (Aalto University), Risto Kosonen (Aalto University), Juha Jokisalo (Aalto University), Hannu Koskela (Turku University of Applied Sciences)*
- **Is 12 Air Changes Per Hour an Appropriate Target for Controlling Airborne Disease Transmission?** *Tobias van Reenen (CSRI), Jan-Hendrik Grobler (CSRI)*
- **Towards Real-Time Model-Based Monitoring and Adoptive Controlling of Indoor Thermal Comfort.** *Ali Youssef (KU Leuven), Pieter Truyen (KU Leuven), Peter Bröde (Leibniz Research Centre for Working Environment and Human Factors), Dusan Fiala (IBBTE), Jean-Marie Aerts (KU Leuven)*
- **Ventilative cooling potential based on climatic condition and building thermal characteristics.** *Haolia Rahman (Kookmin University), Hwataik Han (Kookmin University)*
- **Method development for measuring volatile organic compound (VOC) emission rates from spray foam insulation (SPF) and their interrelationship with indoor air quality (IAQ), human health and ventilation strategies.** *Dzhordzhio Naldzhiev (UCL), Dejan Mumovic (UCL), Matija Strlič (UCL)*
- **Energy Performance Indicators for Ventilative Cooling.** *Flourentzos Flourentzou (Estia SA), Jerome Bonvin (Estia SA)*
- **The effect of refurbishment and trickle vents on airtightness: the case of a 1930s semi-detached house.** *Ben Roberts (Loughborough University), David Allinson (Loughborough University), Kevin Lomas (Loughborough University), Stephen Porritt (Loughborough University)*
- **A longitudinal field study of thermal comfort and air quality in naturally ventilated office buildings in UK.** *Marika Vellei (University of Bath), Lana Harding (University of Bath), Lun An (University of Bath), John J Orr (University of Bath), Ricardo Codinhoto (University of Bath), Sukumar Natarajan (University of Bath)*
- **Clean and quiet – acoustics and indoor air quality in congregate settings.** *Coralie van Reenen (CSIR), Tobias van Reenen (CSIR)*
- **Experimental evidence of effective single sided natural ventilation beyond 20ft or 2.5 floor to ceiling heights in open plan office spaces.** *Guilherme Carrilho da Graça (University of Lisbon), Nuno Mateus (University of Lisbon), Rafael Rebelo (University of Lisbon)*
- **A novel algorithm for demand-control of a single-room ventilation unit with a rotary heat exchanger.** *Kevin Michael Smith (DTU), Anders Lund Jansen (SustainSolutions ApS), Svend Svendsen (DTU)*
- **A comparison study of the blower door and novel pulse technique on measuring enclosure airtightness in a controlled environment.** *Xiaofeng Zheng (University of Nottingham), Edward Cooper (University of Nottingham), Joe Mazzon (BSRIA), Ian Wallis (BSRIA), Christopher J Wood (University of Nottingham)*
- **Design and performance of ventilative cooling: a review of principals, strategies and components from International case studies.** *Paul D O'Sullivan (Cork Institute of Technology), Adam O'Donovan (Cork Institute of Technology), Guoqiang Zhang (Hunan University), Guilherme Carrilho da Graça (University of Lisbon)*
- **Bulk airflow measurements in a large naturally ventilated atrium in a mild climate.** *Marta Avantaggiato (EURAC Research), Nuno Mateus (University of Lisbon), Annamaria Belleri (EURAC Research), Wilmer Pasut (Eurac Research), Guilherme Carrilho da Graça (University of Lisbon)*
- **Impact of airtightness on the heat demand of passive houses in central European climate.** *Aleš Vlk (Czech Technical University, Prague), Jiří Novák (Czech Technical University, Prague)*
- **The effect of enhanced stove design on 'real life' exposure to PM2.5 and CO in rural dwellings in Salambu, Nepal.** *Binaya KC (Kathmandu University), Ian P Hall (University of Nottingham), Benjamin Jones (University of Nottingham), Bim Prasad Shrestha (Kathmandu University), Bijendra Shrestha (Kathmandu University), Niroj Nepal (Dhulikhel Hospital)*
- **The industries vision and activities for better buildings in the future.** *Lars-Åke Mattsson (Lindab Ltd.), Kirk Bracey (Lindab Ltd.)*
- **Characterising the actual performance of domestic mechanical ventilation and heat recovery systems.** *Rajat Gupta (Oxford Brookes University), Matt Gregg (Oxford Brookes University), Tim Sharpe (Glasgow School of Art), Grainne McGill (Glasgow School of Art), Ian Mawditt (Four Walls)*

- **Full-scale experimental study of ceiling turbulent air jets in mechanically ventilated rooms.** *Chi-Kien Nguyen (Universite de Lyon), Damien David (Universite de Lyon), Frédéric Kuznik (Universite de Lyon), Gilles Rusaouën (Universite de Lyon)*
- **Effect of human walking on air curtain sealing in the doorway of an airtight building.** *Narsing K. Jha (University of Cambridge), Daria Frank (University of Cambridge), L. Darracq (Ecole Polytechnique), Paul F. Linden (University of Cambridge)*
- **A Case Study assessing the impact of Shading Systems combined with Night-Time Ventilation strategies on Overheating within a Residential Property.** *Zoe De Grussa (London South Bank University), Deborah Andrews (London South Bank University), Gordon Lowry (London South Bank University), Elizabeth.J. Newton (London South Bank University), Kika Yiakoumetti (London South Bank University), Andrew Chalk (British Blind & Shutter Association), David Bush ((British Blind & Shutter Association)*
- **Comparing extracting and recirculating residential kitchen range hoods for the use in high energy efficient housing.** *Gabriel Rojas (LBNL), Iain Walker (LBNL), Brett Singer (LBNL)*
- **Automated window opening control system to address thermal discomfort risk in energy renovated dwellings. Summertime assessment.** *Theofanis Psomas (Aalborg University), Per Heiselberg (Aalborg University), Thøger Lyne (Visility ApS)*
- **Ventilative Cooling on the test bench - Learnings and conclusions from practical design and performance evaluation.** *Holzer Peter (Institute of Building Research & Innovation), Moherndl Philipp (Institute of Building Research & Innovation), Psomas Theofanis (Aalborg University)*
- **Ventilative cooling in a single-family active house from design stage to user experience.** *Christoffer Plesner (VELUX), Nicolas Dupin (VELUX)*
- **Quantitative relationships between classroom CO₂ concentration and learning in elementary schools.** *Pawel Wargocki (DTU), José Alí Porras-Salazar (DTU), William P. Bahnfleth (DTU)*
- **Influence of night ventilation on the cooling demand of typical residential buildings in Germany.** *Johannes Schrade (Fraunhofer Institute for Building Physics), Hans Erhorn (Fraunhofer Institute for Building Physics)*
- **Indoor Air Quality and Thermal Comfort, in Irish Retrofitted Energy Efficient Homes.** *Áine Broderick (NUI Galway)*
- **Determining the venting efficiency of simple chimneys for buoyant plumes.** *Henry C. Burridge (Imperial College London), Gagan Sehmbi (Imperial College London), Daniel Fiuza Dosil (Imperial College London), Graham O. Hughes (Imperial College London)*
- **A comparison of line-sources of buoyancy placed near and far from a wall.** *David Parker (University of Cambridge), Henry Burridge (Imperial College London) , Jamie Partridge (University of Cambridge), Paul Linden (University of Cambridge)*