



**2nd General Conference of the International
Microsimulation Association**
"Microsimulation: Bridging Data and Policy"
Ottawa, Canada, June 8th to 10th, 2009

Day 1 - Monday, June 8

Lobby	08:00 – 09:00	Registration
Main Hall	09:00 – 09:15	Opening Remarks
Main Hall	09:15 – 10:00	Keynote Speaker Microsimulation of Health Reform in the United States John Sheils , Senior Vice President of The Lewin Group
Main Lounge	10:00 – 10:30	Break

10:30 – 12:00

Session 1A

Health I

Annex Room
1st floor

A simulated reference for estimated fetal weight (EFW)

Robert W **Platt** (McGill University), Jennifer A **Hutcheon** (McGill University), Michael S **Kramer** (McGill University), Haim A **Abenhaim** (McGill University), KS **Joseph** (Dalhousie University), Luc **Villandre** (Montreal Children's Hospital Research Institute) Geir **Jacobsen** (University of Trondheim, Norway) Pal **Romundstad** (University of Trondheim, Norway)

**An application of spatial microsimulation modelling:
spatial analyses of obesity and cancer (UK) and the policy
implications**

Kim **Edwards**, Graham **Clark**, James **Thomas** and David **Forman**
(University of Leeds, UK)

**A surveillance model of prostate cancer trends informs
PSA screening policies**

Ruth **Etzioni** (Fred Hutchinson Cancer Research Center, Seattle, Washington, USA), Roman **Gulati** (Fred Hutchinson Cancer Research Center, Seattle, Washington, USA), Jeffrey **Katcher** (Fred Hutchinson Cancer Research Center, Seattle, Washington, USA) and Lurdes **Inoue** (University of Washington, Seattle, Washington, USA)

**Explaining US prostate cancer trends using ERSPC trial
Rotterdam experience**

Elisabeth M. **Wever**, Gerrit **Draisma**, Eveline E.A. **Heijnsdijk**,
Monique J. **Roobol**, Suzie J. **Otto** and Harry J. **de Koning**

Methodology - Data

Gatineau Room
4th floor

**Benefit reform – a dynamic microsimulation approach
using administrative data**

Simon **Gault** (Model Development Unit, Department for Work and Pensions, UK)

**Dealing with incomplete household panel data in
microsimulation models**

Joachim R. **Frick** (DIW Berlin, TU Berlin, IZA Bonn), Olaf **Groh-Samberg** (DIW Berlin), Markus M. **Grabka** (DIW Berlin, TU Berlin)

**The construction of gross income variables of eusilc (eu
statistics on income and living conditions) in Italy: a
mixed strategy using microsimulation and administrative
data**

Gabriella **Donatiello** (ISTAT, Rome, Italy), Gianni **Betti** (University of
Siena, Italy), Paolo **Consolini** (ISTAT Rome, Italy)

The importance of the database in tax/transfer modeling
Shawna **Brown**, Jackson **Chung**, Chantal **Hicks** and Laurie **Plager**
(Statistics Canada)

Child Care
Sussex Lounge
1st floor

**Finnish women at the mercy of economic turns?
Assessing the effects of childcare policies**

Anita **Haataja** (Senior Researcher, The Social Insurance Institution,
Research Department, Helsinki, Finland) and Elina **Pylkkänen**
(Financial Counsellor, Ministry of Finance, Tax Department, Finland)

**Taxing Care: alternatives for the non-working spouse
compensation in the Belgian tax system**

Joris **Ghysels**, Josefine **Van Hille** and Gerlinde **Verbist** (University
of Antwerp, Herman Deleeck Centre for Social Policy)

**Measuring the size and impact of support for children
through taxes and benefits in comparative perspective**

Francesco **Figari**, Horacio **Levy**, Christine **Lietz**, Alari **Paulus** and
Holly **Sutherland**
(Institute for Social and Economic Research, University of Essex,
R.-U.)

Taxation I
Sussex Room
1st floor

**A distributive impact assessment of housing taxation in
Italy**

Simone **Pellegrino** (University of Torino, School of Economics,
Department of Economics and Public Finance, Torino (TO), ITALY),
Massimiliano **Piacenza** (University of Torino, School of Economics,
Department of Economics and Public Finance, Torino (TO), ITALY),
Gilberto **Turati** (University of Torino, School of Economics,
Department of Economics and Public Finance, Torino (TO), ITALY)

**Fiscal drag and tax relieves: an evaluation of recent Italian
reforms**

Carlo **Declich** and Floriana **D'Elia** (ISAE–Institute of Economic
Studies and Analyses, ITALY)

**Who Is the Winner and Loser of Environmental Tax
Reform?**

Milan **Ščasný** (Charles University Prague, Environment Center,
Czech Republic)

**Optimal taxation, social contract and the four worlds of
welfare capitalism**

Amedeo **Spadaro** (Public Policy Analysis Unit, Paris School of
Economics, Universitat de les Illes Balears, Palma de Mallorca)

Labour Models

Rideau Room
5th floor

Simulating multilevel labor markets

Carlos R. **García-Alonso** and Gabriel M. **Pérez-Alcalá** (ETEA,
Business Administration Faculty, SPAIN)

LaMPsim - an open source microsimulation tool in development

Fredrik **Jansson Dahlén** (Head of Research Unit, Swedish Public
Employment Service)

Long Term Income Inequality in Italy

Matteo **Richiardi** (Università Politecnica delle Marche, Ancona, Italy)
and Lisa **Sella** (Università di Torino, Torino, Italy)

12:00 – 13:00

Lunch

Main Hall

13:00 – 14:30

Session 1B

Modeling Techniques I

Annex Room
1st floor

A Match Made in Silicon: Marriage Matching Algorithms for Longitudinal Dynamic Microsimulation

Neal **Leblanc** (DYNACAN team) Rick **Morrison** (DYNACAN team)
and Howard **Redway** (PENSIM2 team)

Acceleration, alignment and matching in multi-purpose household microsimulations

Richard **Cumpston** (JR Cumpston Pty Ltd, consulting actuaries, and
a PhD student at the Australian National University)

Unobserved Heterogeneity in Microsimulation Models: an assessment

Roberto **Leombruni** (University of Torino and Laboratorio Revelli -
Center for Employment Studies) Matteo **Richiardi** (University
Politecnica delle Marche and Laboratorio Revelli - Center for
Employment Studies)

Longitudinal benchmarking and alignment of a dynamic microsimulation model

Simon **Kelly**, Richard **Percival** (NATSEM, University of Canberra,
Canberra, Australia)

Elderly Care

Gatineau Room
4th floor

Elderly disability and changes in family support: microsimulation for France in 2025

Bérengrère **Davin**, (Department of Economics, University of the
Mediterranean, INSERM Unit 912 and PACA Regional Center for
Disease Control, Alain **Paraponaris** (Department of Economics,
University of the Mediterranean, INSERM Unit 912 and PACA
Regional Center for Disease Control), Sophie **Thiebaut** (CNRS
GREQAM / INSERM Unit 912 and PACA Regional Center for
Disease Control), Bruno **Ventelou** (CNRS GREQAM / INSERM Unit
912 and PACA Regional Center for Disease Control)

Moving from a dynamic cohort microsimulation model to a dynamic population microsimulation model: an incremental approach for a UK model of long-term care for older people

Ruth **Hancock** and Marcello **Morciano**, (Health Economics Group,
Faculty of Health, University of East Anglia, UK), Chris **Curry**,
(Pensions Policy Institute, UK), and Raphael **Wittenberg** and Linda
Pickard (Personal Social Services Research Unit, London School of
Economics, UK)

Primary care in an ageing society. Building a micro-simulation model for policy purposes

Janet **Pearson**, Roy **Lay-Yee**, Peter **Davis**, Martin **von Randow**, Sanat **Pradhan**, David **O'Sullivan**, Ngaire **Kerse**, Alastair **Scott**.
(Centre of Methods and Policy Application in the Social Sciences, University of Auckland, New Zealand)

Using dynamic microsimulation models to face the policy issue of caring for the most vulnerable elderly: a comparison of Canada with some European countries

Yann **Décarie**, Jacques **Légaré**, Patrick **Charbonneau**, Janice **Keefe**, Joëlle **Gaymu** and the (FELICIE team)

Corporate Taxation

Sussex Lounge

1st floor

On The Italian Ace And Its Impact On Enterprise Performance: A Microsimulation Study

Simona **Balzano** (University of Cassino), Filippo **Oropallo** (ISTAT), Valentino **Parisi** (University of Cassino)

Canada's Federal Corporate Income Tax: A Microsimulation Model

Benoit **Morin** and Marc **Séguin** (Department of Finance Canada)

Taxation of closely held corporations – efficiency aspects

Peter **Ericson** and Johan **Fall** (Confederation of Swedish Enterprise)

Labour Supply and Women

Sussex Room

1st floor

Quebec's 2008 Tax Reform: Impact on Social Well-being

* French Session

Nicholas-James **Clavet**, Jean-Yves **Duclos**, Bernard **Fortin**, et Sami **Bibi** (Université Laval, Québec, Canada)

Evaluation of an In-work Tax Credit Reform in Sweden: Effects on Labor Supply and Welfare Participation of Single Mothers

Rolf **Aaberge** (Research Department, Statistics Norway, Oslo, Norway) and Lennart **Flood** (Department of Economics, School of Business, Economics and Law, University of Gothenburg)

Can Spanish mothers be encouraged to work?

Xisco **Oliver**, (Universitat de les Illes Balears, Palma de Mallorca) and Amedeo **Spadaro** (PSE, Paris-Jourdan Sciences Economiques (Joint Research Unit CNRS-EHESS-ENPC-ENS), Paris, and Universitat de les Illes Balears, Palma de Mallorca)

From housewives to independent earners: can the tax system help Italian women to work?

Francesco **Figari** (Institute for Social and Economic Research, University of Essex, UK)

Spatial I

Rideau Room

5th floor

Assessing the Sustainability of Irish Farming across Space Using Spatial Microsimulation Techniques

Stephen **Hynes**, Emma **Dillon**, Thia **Hennessy** and Cathal **O'Donoghue** (Rural Economy Research Centre, Teagasc, Athenry, Co. Galway, Ireland)

**Development of a Static Farm-level Spatial
Microsimulation Model to Analyse On- and Off- Farm
Activities of Dutch Farmers**

Eveline **Van Leeuwen** and Jasper **Dekkers**(VU University
Amsterdam)

Inequality in Australia: Does region matter?

Riyana **Miranti** (presenting author), Rebecca **Cassells**, Yogi
Vidyattama, Justine **McNamara**, NATSEM, University of Canberra,
Canberra, Australia.

**Micro-Simulation of Literacy Levels with Spatial Effects
Using the Canadian Census**

Richard **Shillington** and Mike **McCracken** (Informetrica Limited)

14:30 – 15:00

Break

Main Lounge

15:00 – 16:30

Session 1C

Health Status

Annex Room
1st floor

**HealthPaths Dynamics 1 – Estimating Multivariate
Trajectories of Functional Health over the Life Course**

Geoff **Rowe** and Michael **Wolfson** (Statistics Canada)

**HealthPaths Dynamics 2 – Using Functional Health
Trajectories to Quantify the Sources of Health Inequalities**

Michael **Wolfson** and Geoff **Rowe** (Statistics Canada)

Modeling Health Status for Microsimulation

Julie **Topoleski**, and Joyce **Manchester** (U.S. Congressional Budget
Office)

**Development of a dynamic microsimulation model to
investigate how to best compress morbidity in older
Australians and optimise ageing**

Laurie **Brown**, Binod **Nepal**, Ann **Harding**(NATSEM, University of
Canberra, Canberra, Australia) Heather **Booth**(Australian
Demographic and Social Research Institute, ANU, Canberra,
Australia), Kaarin J. **Anstey** (Centre for Mental Health Research,
ANU, Canberra, Australia) and Sophie **Pennec** (INED, Paris, France)

Cities

Gatineau Room
4th floor

**A dynamic spatial microsimulation model of local
populations**

M.H. **Birkin**, B.M. **Wu** and P. H. **Rees** (School of Geography,
University of Leeds)

Simulating Cities: The ILUTE Project

Eric J. **Miller** (University of Toronto Cities Centre)

**Population Ageing and the Needs-Based Planning of
Government Services: An Application of Spatial
Microsimulation in Australia**

Ann **Harding**, Robert **Tanton**, Yogi **Vidyattama**, Rebecca **Cassells**,
Justine **McNamara**, Riyana **Miranti** and Binod **Nepal**, (NATSEM,
University of Canberra; Canberra, Australia)

Taxation II
Sussex Lounge
1st floor

Distributional implications of income tax evasion in Greece, Italy and Hungary

Manos **Matsaganis** (Athens University of Economics and Business), Dóra **Benedek** (Ministry of Finance, Republic of Hungary), Maria **Flevotomou** (Bank of Greece), Orsolya **Lelkes** (European Centre for Social Welfare Policy and Research, Vienna), Daniela **Mantovani** and Sylwia **Nienadowska** (University of Modena and Reggio Emilia)

Income Distributional Outcomes of Converting Non-refundable Credits to Refundable Credits in Canada

Thaddeus **Hwong** (York University, Canada), Laurie **Plager** (Statistics Canada)

Decomposition of Marginal Tax Rates in Canada

Jackson **Chung** and Brian **Murphy** (Statistics Canada)

Labour Supply 1
Sussex Room
1st floor

Behavioral micro-simulation model and labor supply in Luxembourg

Frédéric **Berger** (CEPS/INSTEAD Luxembourg), Nizamul **Islam** (CEPS/INSTEAD Luxembourg), Philippe **Liégeois** (CEPS/INSTEAD) and Raymond **Wagener** (IGSS Luxembourg)

Labor supply and household formation: development of the LaborSim dynamic microsimulation model for Italy

Matteo **Richiardi** (Università Politecnica delle Marche, Ancona, Italy) and Ambra **Poggi** (Università di Milano, Milano, Italy)

Optional Value Based Retirement Choice Modelling In Dynamic Microsimulation: The Irish Case

Jinjing **Li** (Maastricht Graduate School of Governance, Maastricht University, the Netherlands) and Cathal **O'Donoghue** (Rural Economy Research Centre, Teagasc, National University of Ireland, Ireland)

Demographic Projections - Population and Households
Rideau Room
5th floor

Household projection and its application to health/long-term care expenditures in Japan using INAHSIM-II

Tetsuo **Fukawa** (National Institute of Population and Social Security Research, Tokyo)

An overview of Popsim, Statistics Canada's microsimulation model for demographic projections

Éric **Caron Malenfant** (Statistics Canada)

ScotSim: a household projection model

Dr Paul **Williamson** and Mr Ashley **McCormick** (University of Liverpool, UK)

16:30 – 17:00

Main Lounge

Break

17:00 – 18:00

Main Hall

IMA Members Meeting



Day 2 – Tuesday, June 9

Main Hall	09:00 – 09:45	Keynote Speaker Microsimulation – Bringing Data into Public Health Policy Dr. David Butler-Jones , Chief Public Health Officer, Public Health Agency of Canada
Main Lounge	0945 – 10:30	Break with Poster Session

10:30 – 12:00

Session 2D

Health Care
Annex Room
1st floor

Population ageing and health outlays, assessing the impact in Australia during the next 40 years
Sharyn **Lymer** (NATSEM, University of Canberra, Canberra, Australia)

The Determinants of Long term Illness and the Affect of Health Service Deprivation on Individual Health at the small Area Level in Ireland

Karyn **Morrissey** (Rural Economic Research Centre, Teagasc, Ireland & the School of Geography, University of Leeds), Stephen **Hynes** (Rural Economic Research Centre, Teagasc, Ireland), Cathal **O'Donoghue** (Rural Economic Research Centre, Teagasc, Ireland), Graham **Clarke** (School of Geography, University of Leeds)

Understanding the socio-economic characteristics of GP lists

Paul **Williamson** (Institution: University of Liverpool, UK)

Modelling Techniques II
Gatineau Room
4th floor

Techniques for Managing Changes To Existing Simulation Models

Sally **Edwards** (Strategy Directorate, Department for Work and Pensions (DWP))

The Microsimulation Tool of the MicMac-Project

Sabine **Zinn** (Max Planck Institute for Demographic Research, Rostock, Germany), Dr. Jutta **Gampe** (Max Planck Institute for Demographic Research, Rostock, Germany), Prof. Dr. Frans **Willekens** (Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands) Dr. Nicole **van der Gaag** (Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands), Dr. Joop **de Beer** (Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands), Prof. Dr. Adelinde **Uhrmacher** (Department of Computer Science, University Rostock, Germany), Dr. Jan **Himmelspach**, (Department of Computer Science, University Rostock, Germany)

The RiskPaths teaching model

Martin **Spielauer** (Statistics Canada)

Modeling large interacting populations in continuous time: A novel computational approach using Modgen Claude **Charette** and Steve **Gribble** (Statistics Canada)

Pensions and Retirement I

Sussex Lounge
1st floor

Effects of labour market and pension system reforms on retirement propensity and long term pension benefits inequality in Italy

Margherita **Borella** (University of Turin and CeRP-Collegio Carlo Alberto), Flavia Coda **Moscarola** (CeRP-Collegio Carlo Alberto), Dario **Di Pierro** – LABORatorio Revelli-Collegio Carlo Alberto), Roberto **Leombruni** (University of Turin and LABORatorio Revelli-Collegio Carlo Alberto), Matteo **Richiardi** (Università Politecnica delle Marche and LABORatorio Revelli-Collegio Carlo Alberto), Lisa **Sella** (University of Turin and LABORatorio Revelli-Collegio Carlo Alberto)

Leaving the workforce early due to ill health: Estimating duration of retirement for Health&WealthMOD Retirement Microsimulation Model

Rupendra **Shrestha** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Deborah **Schofield** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Megan **Passey** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Richard **Percival** (National Centre for Social and Economic Modelling, University of Canberra, Australia), Arul **Earnest** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia) and Simon **Kelly** (National Centre for Social and Economic Modelling, University of Canberra, Australia)

Retirement Microsimulation Model

Jeff **Carr** and André **Léonard** (HRSDC Canada)

Spending Down One's Retirement Assets in an Uncertain World

Marvin **Avery** and Richard **Morrison**(DYNACAN)

Poverty and Inequality I

Sussex Room
1st floor

Labour Market, Demographic and Policy Drivers of Inequality in the Baltic States

Tatjana **Stirling** (National University of Ireland, Galway and Department of Work and Pensions London) and Cathal **O'Donoghue** (Rural Economy Research Centre, National University of Ireland, Galway and IZA)

Income inequality and the effect of public policies in the European Union: what happens with enlargement?

Francesco **Figari**, Alari **Paulus**, and Holly **Sutherland** (Institute for Social and Economic Research, University of Essex, UK)

Inequality and Polarization Impact of the European Redistribution Architecture on the Spanish Population: an Analysis Using Microsimulation Techniques

Xisco **Oliver**, Luca **Piccoli** and Amedeo **Spadaro**
(Universitat de les Illes Balears, Paris School of Economics Paris School of Economics Palma de Mallorca and Universitat de les Illes Balears, Palma de Mallorca)

Inequality neutral flat tax reforms in Europe: differences between East and West

Alari **Paulus** (ISER, University of Essex, UK) and Andreas **Peichl** (IZA Bonn, Germany)

Labour Supply and Policy Changes I

Rideau Room
5th floor

Does the dismantlement of early retirement schemes increase elderly unemployment in Belgium?

Marjan **Maes** (UCLouvain, Teaching assistant, Catholic university Brussels Belgium)

Dual Income Tax Reform in Germany. A Microsimulation Approach

Gerhard **Wagenhals** (University of Hohenheim Stuttgart, Germany)

Welfare Change Measures in Behavioural Microsimulation Modelling Accounting for the Random Utility Component

John **Creedy**, Nicolas **Hérault** and Guyonne **Kalb** (The University of Melbourne, Australia)

12:00 – 13:00

Lunch

Main Hall

13:00 – 14:30

Session 2E

Demographic Behaviours

Annex Room
1st floor

Socio-economic differences in mortality: implications for pensions policy

Edward **Whitehouse** and Asghar **Zaidi** (OECD, France)

Incorporating Immigrant Flows into Microsimulation Models

Charles **Pineles-Mark**, Jonathan A. **Schwabish** and Michael **Simpson** (Congressional Budget Office)

Modelling Migration in Pensim2 a Dynamic Microsimulation Model of the British Pension System

Cathal **O'Donoghue** (Rural Economy Research Centre, Teagasc, Mellows Campus, Athenry, Co. Galway, Ireland) and Howard **Redway** (Pensim2 Team, Department of Work and Pensions Rural Economy Research Centre, Teagasc, Mellows Campus, London)

The Challenges of creating babies in Dynamic microsimulation models : the Australian APPSIM model and international comparison

Dr Sophie **Pennec** (Institut National d'Etudes Démographiques, Paris, France), (Visiting fellow at National Centre for Social and Economic Modelling, University of Canberra, Australia) and (Australian Demographic and Social Research Institute, Australian National University, Australia) and Prof. Bruce **Bacon** (Adjunct professor at the National Centre for Social and Economic Modelling, University of Canberra, Australia) and (Australian Demographic and Social Research Institute, Australian National University, Australia)

Health Costs

Gatineau Room
4th floor

Distributional impact of the National Health Insurance System in France: a microsimulation approach

Valérie **Albouy**, Laurent **Davezies** and Thierry **Debrand** (Irdes)

How illness makes older Australians poorer: Income lost when workers retire prematurely due to illness

Associate Professor Deborah **Schofield**, (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Dr Rupendra **Shrestha** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Mr Richard **Percival** (National Centre for Social and Economic Modelling, University of Canberra, Australia), Dr Megan **Passey** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia), Dr Simon **Kelly** (National Centre for Social and Economic Modelling, University of Canberra, Australia) and Mr Arul **Earnest** (NRUDRH, School of Public Health, Faculty of Medicine, University of Sydney, Australia)

Economic Model System of Chronic Diseases: the Prototype

Agnes **Walker** and James **Butler** (Australian Centre for Economic Research on Health, Australian National University) and Prof Stephen **Colagiuri** (Institute of Obesity, Nutrition and Exercise, University of Sydney)

Pensions and Retirement II

Sussex Lounge
1st floor

Effect of Proposals for Pension Reform on the Income Distribution of the Elderly in Japan

Seiichi **Inagaki** (General Councilor, Research Institute for Policies on Pension & Aging, Japan)

Retirement Incomes Past, Present, and Future: Using LifePaths to Evaluate Earnings Replacement after Retirement

Kevin D. **Moore**, Xiaofen **Lin** and Laurie **Plager** (Statistics Canada)

Estimation of net income to assess GIS, SA eligibility, and OAS clawback provisions in DYNACAN

Denis **Chénard** and James **Kuhnke** (DYNACAN)

Taxation III
Sussex Room
1st floor

A distributional look at consumption taxes on Canada households

Jennifer **Jones** and Chantal **Hicks** (Statistics Canada)

Combining Changes of Direct and Indirect Taxation: An Integrated Microsimulation of Modern Tax Policy

André **Decoster**, Kris **De Swerdt** and Dirk **Verwerft**
(Center for Economic Studies, University of Leuven, Belgium)

Simulating Eligibility for and Estimating Non-Take-Up of Social Benefits – A Longitudinal Perspective

Olaf **Groh-Samberg** (DIW Berlin) and Joachim R. **Frick**
(DIW Berlin, TU Berlin, IZA Bonn)

Measurement Error in Estimates of the Participation Rate in Means-Tested Programs: The Case of the US Supplemental Security Income Program for the Elderly

Alexander **Strand**, Kalman **Rupp** and Paul **Davies** (U.S. Social Security Administration)

14:30 – 15:00

Break

Main Lounge

15:00 – 16:00

Panels

Annex Room
1st floor

Model Validation: Would You Trust This Model?

Panellists:

Didier **Blanchet**, DESTINIE, France
Gijs **Dekkers**, MIDAS, Belgium, Germany and Italy
Rick **Morrison**, DYNACAN, Canada
Howard **Redway**, PENSIM-2, United Kingdom
Geoff **Rowe**, LifePaths, Canada

Moderator:

Asghar **Zaidi**, OECD

Gatineau Room
4th floor

Microsimulation: Barriers to Entry

Panellists:

Holly **Sutherland**, EUROMOD, United Kingdom
Cathal **O'Donoghue**, National University of Ireland, Ireland
Robert **Tanton**, NATSEM, Australia
Martin **Spielauer**, Statistics Canada, Canada

Moderator:

Martin **Spielauer**, Statistics Canada, Canada

Sussex Lounge
1st floor

Macro/Micro links in microsimulation

Panellists:

Baxter Williams, Finance Canada, Canada
Thomas Petterson, Ministry of Finance, Sweden
Simon Kelly, NATSEM, Australia
Rolf Aaberge, Statistics Norway, Norway

Moderator:

Stéphane Jetté, Finance Canada, Canada

Sussex Room
1st floor

Policy Impacts of microsimulation: Recipes for Success

Panellists:

Ann Harding, NATSEM, Australia
Kate Wilkinson, University of Oxford, United Kingdom
Kimberley Edwards, University of Leeds, United Kingdom
Gerlinde Verbist, University of Antwerp, Belgium

Moderator:

Laurie Brown, NATSEM, Australia

16:00 – 16:30

Break

Main Lounge

16:30 – 18:00

Session 2F

Population Health

Annex Room
1st floor

Projecting incidence of acute myocardial infarction using microsimulation

William **Flanagan**, Douglas **Lee**, Doug **Manuel**, Philippe **Finès**, Claude **Nadeau**, Walter **Omariba**, Jillian **Oderkirk**

Modeling and micro-simulation of obesity and physical activity in Canada

Claude **Nadeau** (Statistics Canada), Geoff **Rowe** (Statistics Canada), Ron **Wall**, Public Health Agency of Canada, Mark **Tremblay** (CHEO), Doug **Manuel** (OHRI & Statistics Canada), Didier **Garriguet** (Statistics Canada), William M. **Flanagan** (Statistics Canada), Jillian **Oderkirk** (Statistics Canada), Steve **Gribble** (Statistics Canada), Jan **Wadell-Trumble** (Public Health Agency of Canada)

Microsimulation of osteoarthritis in Canada – Case study of a chronic disease in Canada

Philippe **Finès**, Jacek A. **Kopec**, William M. **Flanagan**, Eric C. **Sayre**, and Md. Mushfiqur **Rahman** (Statistics Canada, HIRD, Pohem)

Special Purpose Models

Gatineau Room
4th floor

The distributional impact of inflation: an analysis on Italian households, 1990-2007

Alessandra **Cepparulo** (Università di Roma “Sapienza”, DEP), Francesca **Gastaldi** (Università di Roma “Sapienza”, DEP) and Paolo **Liberati** (Università di Urbino, DEMQ)

The importance of conditional employment uncertainty in life cycle models

Anne **Biewald** (Postdoctoral Researcher at the Potsdam Institute for Climate Impact Research)

A Micro Simulation of Housing Policy following Urban Disaster

Keiichi **Sato** (Research Associate, Institute of Social Science, The University of Tokyo)

Modelling privatisation of traffic insurance in Sweden

Tom **Nilstierna** (Deputy Director, Ministry of Health and Social Affairs) and Associate Professor Deborah **Schofield** (Director of Research and Associate Professor, NRUDRH, School of Public Health, University of Sydney)

Pensions and Retirement III

Sussex Lounge
1st floor

High-Level Design Overview of DYNACAN

Vesna **Petrovic** (DYNACAN)

AVID: Analysis of Old Age Income Structures in Germany

Dina **Frommert** (Deutsche Rentenversicherung-Bund, Berlin), Thorsten **Heien** (TNS Infratest Social Research, Munich) and Christof **Schatz** (ASKOS, Munich)

PRISME dynamic microsimulation model for french pension scheme

Caroline **Berteau-Rapin** (CNAV/DSP), Alessandra Di **Porto** (CNAV/DSP) and Christophe **Albert** (CNAV/DSINDS)

Updating and extending the data basis for the dynamic microsimulation model MOSART

Dennis **Fredriksen**, Pål **Knudsen** and Nils Martin **Stølen** (Statistics Norway)

Labour Supply II

Sussex Room
1st floor

Marginal Cost of Public Funds: A Behavioural Microsimulation Approach

André **Decoster** and Kris **De Swerdt** (Center for Economic Studies, University of Leuven, Belgium)

Simulating Labour Supply: A Lifetime Modelling Approach with Heterogeneity and Uncertainty Extension

Jinjing **Li**, Denisa **Sologon** (Maastricht Graduate School of Governance, Maastricht University, the Netherlands) Cathal **O'Donoghue** (Rural Economy Research Centre, Teagasc, National University of Ireland, Ireland)

Revealed Social Preferences and Welfare Effects of the German Labour Market Reform

Markus **Clauss** (Zentrum für Europäische Wirtschaftsforschung GmbH (ZEW) Centre for European Economic Research, Germany)

Earnings Volatility Across Groups and Time

John **Sabelhaus** and Jae **Song** (University of Maryland and Investment Company Institute)

18:00 – 22:30

Conference Dinner

18:10

Bus departs to Canadian Museum of Civilization

18:15 – 19:15

Tour the Canada Hall

19:30

Dinner at Canadian Museum of Civilization

22:15 – 22:30

**Bus departs for Westin, Lord Elgin and Sheraton
Hotels**



Day 3 – Wednesday, June 10

- Main Hall 09:00 – 09:45 Keynote Speaker
Agents everywhere: what can agent-based modelling do for microsimulation?
Professor Nigel **Gilbert**, Professor of Sociology at the University of Surrey
- Main Lounge 09:45 – 10:30 Break with Poster Session

10:30 – 12:00

Session 3G

Poverty and Inequality II
Annex Room
1st floor

Modelling UK child poverty in 2010 and 2020
Mike **Brewer**, James **Browne**, Robert **Joyce** and Holly **Sutherland**
(Institute for Fiscal Studies, UK)

Poverty Impact of Social Welfare Reform. An analysis of the proposals in the Irish Green Paper 2007 using dynamic microsimulation modelling
Elisa **Baroni** and Cathal **O'Donoghue** (National University of Ireland)

Population Projection for Cape Verde: A Dynamic Microsimulation Model
* French Session
Alain **Bélanger** and Carlos Rosario **Mendès** (INRS, Montréal, Canada)

Spatial II
Gatineau Room
4th floor

A hybrid spatial microsimulation model for decision support in demographic planning
B. M. **Wu**, M. H. **Birkin** and P. H. **Rees** (School Geography University of Leeds)

Improving the Representation of Diversity in Spatial Microsimulation Models
Mark **Birkin** and Graham **Clarke** (University of Leeds)

Pushing them to the edge: An assessment of spatial microsimulation methods
Robert **Tanton** (National Centre for Social and Economic Modelling, University of Canberra), Paul **Williamson** (Department of Geography, University of Liverpool), Kimberley **Edwards** (University of Leeds), Yogi **Vidyattama** (National Centre for Social and Economic Modelling, University of Canberra)

Pension and Retirement IV
Sussex Lounge
1st floor

Demographic development and Pension Reform in Norway
Dennis **Fredriksen**, Trude **Gunnes** and Nils Martin **Stølen**
(Statistics Norway)

Measuring intragenerational and intergenerational redistribution in the reformed Italian social security system

Carlo **Mazzaferro** (University of Bologna and CAPP, Italy) and Marcello **Morciano** (University of East Anglia and CAPP, Italy)

Projecting Future U.S. Pension Benefits

Martin R. **Holmer** (Policy Simulation Group)

Taxation IV
Sussex Room
1st floor

Distributional Effects of Taxes and Benefits in Korea

Myung Jae **Sung**, Byung Mok **Jeon** and Byung-hill **Jun** (Korea Institute of Public Finance)

Which Personal Income Tax Scheme Favours Income Distribution Within the Czech Households?

Jan **Pavel** (University of Economics, Prague, Czech Republic), Milan **Ščasný** (Charles University Prague, Czech Republic) and Martin **Kryl** (Charles University Prague, Czech Republic)

“Purple Reign” An evaluation of tax-benefit reforms in Belgium 1999-2007

André **Decoster** (Centre for Economic Studies, KUUniversity of Leuven, Belgium), Kris **De Swerdt** (Centre for Economic Studies (KUUniversity of Leuven), Belgium), Pieter **Vandenbroucke** (Centre for Social Policy (University of Antwerp, Belgium) and Gerlinde **Verbist** (Centre for Social Policy, University of Antwerp, Belgium)

12:00 – 13:00

Lunch

Main Hall

13:00 – 14:30

Session 3H

Demographic Projections – Education, Partner and Kinship

Annex Room
1st floor

Using a microsimulation model to project family and kinship networks in Britain

Michael **Murphy** (Department of Social Policy, London School of Economics, London, UK)

Education Projections in Norway

Trude **Gunnes** (Statistics Norway)

Duration of life with or without a partner in France: Changes over cohorts of aged men and women

Sophie **Pennec** and Joëlle **Gaymu** (Institut National d'Etudes Démographiques, Paris, France)

Ethnic diversity and educational attainment: The modeling of education in the Canadian PopSim population projection model

Martin **Spielauer** (Statistics Canada)

Micro/Macro Links I

Gatineau Room
4th floor

Agricultural Distortions, Poverty and Inequality in South Africa

Nicolas **Herault** and James **Thurlow** (University of Melbourne, Australia)

Impact of the Quebec Government's Economic Policy on Poverty and Disparities

* French Session

Abdessalem **Abbassi** (Ministère des Finances du Québec), Danielle **Bilodeau** (Institut de la Statistique du Québec), and Rim **Chatti** (Ministère des Finances du Québec)

Microsimulations for Poverty and Inequality in Mexico using parameters from a CGE Model

Araceli Ortega **Díaz** (EGAP, Mexico)

Poverty and Inequality III

Sussex Lounge
1st floor

Regional & Rural Poverty Analysis in Ireland

Karyn **Morrissey** (Rural Economic Research Centre, Teagasc, Ireland & the School of Geography, University of Leeds), Cathal **O'Donoghue** (Rural Economic Research Centre, Teagasc, Ireland), Graham **Clarke**, (School of Geography, University of Leeds)

Modelling poverty transitions in Spain: Do attrition and initial conditions really matter?

Sara **Ayllón** (Department of Applied Economics Universitat Autònoma de Barcelona, UAB, Spain)

The Impact of Taxes and Transfers on Child Poverty in South Africa

Kate **Wilkinson** (Centre for Analysis of South African Social Policy, University of Oxford, UK)

Spatial III

Sussex Room
1st floor

A Continuous Space Representation of a Simulated Population

John **Cullinan** (RERC Teagasc and NUI, Galway), Cathal **O'Donoghue** (RERC Teagasc) and Stephen **Hynes** (RERC Teagasc)

Two worlds of ageing: spatial microsimulation estimates of small area advantage and disadvantage among older Australians

Justine **McNamara**, Riyana **Miranti**, Cathy **Gong**, Robert **Tanton** (NATSEM, University of Canberra, Canberra, Australia) and Hal **Kendig** (Ageing and Health in the Faculty of Health Sciences at the University of Sydney)

Use of static spatial microsimulation for researching inequalities of educational attainment

Dimitris **Kavroudakis** (UCL geography) Dimitris **Ballas** (University of Sheffield, department of geography) Mark **Birkin** (University of Leeds, school of geography)

Pensions and Retirement: V

Rideau Room
5th floor

Mandatory superannuation and self-sufficiency in retirement: an application of the APPSIM dynamic microsimulation model

Marcia **Keegan** (University of Canberra, NATSEM, Australia)

What are the consequences of the European AWG-projections on the adequacy of pensions? An application of the dynamic microsimulation model MIDAS for Belgium, Germany and Italy

Gijs **Dekkers** (Federal Planning Bureau, Belgium, and Centre for Sociological Research, Katholieke Universiteit Leuven, Belgium), Hermann **Buslei**, Johannes **Geyer**, Dirk **Hofmann**, Viktor **Steiner** ((German Institute for Economic Research), DIW, Germany), Maria **Cozzolino**, Michele **Raitano**, Paola **Tanda**, Simone **Tedeschi**, (Institute for Studies and Economic Analysis), ISAE, Italy), Raphael **Desmet** and Frédéric **Verschueren** (Federal Planning Bureau, Belgium)

The Destinie 2 microsimulation model : increased flexibility and adaptation to users' needs

Didier **Blanchet**, Emmanuelle **Crenner** and Sylvie **Le Minez** (INSEE - Department of General Economic Studies)

14:30 – 15:00

Break

Main Lounge

15:00 – 16:30

Session 3I

Micro/Macro Links II

Annex Room
1st floor

Employment effects of a general minimum wage - an integrated Micro-Macro approach

Juergen **Wiemers** and Michael **Feil** (Institute for Employment Research, Germany)

Microsimulation , Macrosimulation, Model Validation and Alignment

Bruce **Bacon** (University of Canberra at the National Centre for Social and Economic Modelling (NATSEM), and National University of Australia at the Australian Demographic and Social Research Institute (ARSRI)) and Sophie **Pennec** (Institut national d'etudes demographiques, France (INED- national institute of demographic studies))

The benefits and problems of linking CGE and Microsimulation Models - Evidence from a Flat Tax analysis

Andreas **Peichl**, (IZA Bonn, Germany)

Spatial IV

Gatineau Room
4th floor

Imitation or interaction in spatial micro simulation

Einar **Holm** (Urban **Lindgren**, Kalle **Mäkilä**, Erling **Lundevaller**, Dept. of social and economic geography, Umeå University)

Small area estimation through spatial microsimulation models: Some methodological issues

Azizur **Rahman** (National centre for social and economic Modelling University of Canberra, Australia)

Imputing socioeconomic status onto administrative datasets

Linc **Thurecht**, Laurie **Brown**, Andrew **Armstrong**, Cathy **Gong**, Ann **Harding** (NATSEM, University of Canberra; Canberra, Australia)

Pension and Retirement VI
Sussex Lounge
1st floor

Micro simulations on the effects of ageing-related policy measures

Jan-Maarten **van Sonsbeek** (VU University Amsterdam)

Impact of reforming the old-age pension system in Belgium

Marjan **Maes** (UCL Ouvain, teaching assistant Catholic university Brussels Belgium)

The Effects of Earnings Sharing on U.S. Social Security Benefits in 2030: An Application of the MINT Microsimulation Model

Howard M. **Iams** (Office of Research Evaluation and Statistics, U.S. Social Security Administration), Gayle **Reznik** (Office of Retirement Policy, U.S. Social Security Administration) and Christopher R. **Tamborini** (Office of Retirement Policy, U.S. Social Security Administration)

Basic Income
Sussex Room
1st floor

An Unconditional Basic Income for Germany – Labor Supply and Distributional Effects

Julia **Horstschräer** (Centre for European Economic Research, Mannheim) and Markus **Clauss Reinhold Schnabel** (University of Duisburg-Essen)

Behavioural and Welfare Effects of Alternative Basic Income Policies: A Simulation for European Countries

Ugo **Colombino** (Department of Economics 'Cognetti De Martiis' University of Turin, Torino, Italy) and CHID – Collegio Carlo Alberto

TCitizens Income: relaxing the assumptions

Maria **Iacovou** (Institute for Social and Economic Research (ISER), University of Essex, Colchester UK)

Education, Earnings and Immigration
Rideau Room
5th floor

Forecasting individual lifetime earnings profiles

Denisa **Maria Sologon** (Maastricht Graduate School of Governance, Maastricht University, The Netherlands) Cathal **O'Donoghue** (Rural Economy Research Centre, Teagasc Mellows Campus, Ireland)

Saving the Belgian welfare state through immigration? A simulation of introducing Canadian immigration policies in Belgium

Vincent **Corluy**, Gerlinde **Verbist** and Ive **Marx** (Centre for Social Policy, University of Antwerp)

Modeling Education in DYNACAN

Keith **Wilde** (DYNACAN Project, Social Development Canada) and Richard **Morrison** (DYNACAN)

Accounting for the Intergenerational Transmission of Educational Attainment: The Modeling of Education in the Canadian LifePaths Microsimulation Model

Martin **Spielauer** (Statistics Canada)

16:30 – 17:00

Main Lounge

Break

Main Hall

Microsimulation: When to Build and When to Share?

Panellists:

Lennart **Flood**, University of Gothenburg, Sweden

Didier **Blanchet**, DESTINIE, France

Johanne **Denis**, Statistics Canada, Canada

Deborah **Schofield**, University of Sydney, Australia

Moderator:

Michael **Wolfson**, Statistics Canada, Canada



Poster Session

Day 2 – Tuesday, June 9

Day 3 – Wednesday, June 10

Anteroom 09:45 – 10:30 Break with Poster Session

Housing allowances and work incentives

Pertti **Honkanen** (Research Department of Social Insurance Institution of Finland, Helsinki)

Sysiff 2008: a microsimulation model for France

Amedeo **Spadaro**, Luciano **Canova** and Luca **Piccoli** (Paris School of Economics)

Popsim, Statistics Canada's microsimulation model for demographic projections

Éric **Caron Malenfant** (Statistics Canada)

The Simulation of the Educational Output over the Life Course: The GAMEO model

Pierre **Courtioux** (EDHEC Business School) Stéphane **Gregoir** (EDHEC Business School) Dede **Houeto** (EDHEC Business School and Paris School of Economics)

ITAXMOD, the ISAE tax-benefit microsimulation model: methodology and main results

Carlo **Declich** and Floriana **D'Elia** (ISAE – Institute of Economic Studies and Analyses, Roma, Italy)

PSG Models of U.S. Pensions

Martin R. **Holmer** (Policy Simulation Group)

INAHSIM: A Japanese Microsimulation Model

Seiichi **Inagaki**

Using PERSIM for Effective Human Resources Planning

André **Lebel** and Robert **Kopersiewich** (Statistics Canada)

PolicyQuest v2.0

Lee M. **Cohen**, PhD (Office of Policy, Division of Policy Evaluation, Social Security Administration)

EUROMOD: Moving Towards a General Platform for Tax-Benefit Microsimulation Modelling

Francesco **Figari**, Horacio **Levy**, Christine **Lietz**, Alari **Paulus**, and Holly **Sutherland** (Institute for Social and Economic Research, University of Essex, UK)

IRPET MicroReg Multiregional Microsimulation Model

Nicola **Sciclone**, Maria Luisa **Maitino** (IRPET, Firenze, Italy)