

Day 1	Room 1: Fottrell Lecture Hall AM200 Arts Millennium Building	Room 2: Library Seminar Room 1, G010, Hardiman Building	Room 3: Library Seminar Room 2, G011 Hardiman Building	Room 4: Psychology Seminar Room G102 Arts Millennium Building	Room 5: The Bridge Room, Hardiman Building
815	Registration				
845	Welcome & Official Opening : Prof. Cathal O'Donoghue, Dean of Arts, Social Sciences & Celtic Studies, NUI Galway Dr Gijs Dekkers, President, International Microsimulation Association, Federal Planning Bureau, Brussels				
900	Plenary 1 – Health Microsimulation, Prof Deborah Schofield, Director of GenIMPACT: Centre for Economic Impacts of Genomic Medicine, Maquarie University				
1015	Coffee Arts Millennium Foyer				
1040	Parallel 12 -	Parallel 1 -	Parallel 5 -	Parallel 23 -	Parallel 28 -
	Projections of economic impacts of early retirement in informal carers: Results from a microsimulation model Care&WorkMOD (10) Presenter: Melanie Zeppel	Replacing rules by Neural Networks - a framework for agent-based modelling (6) Presenter: Georg Jager	Who pays more? A microsimulation analysis on the effective VAT burden of migrant and native households in 16 European countries (30) Presenter: Michael Christl	China's Personal Income Tax Reform in 2018 and Its Impact on Income Distribution (20) Presenter: Peng Zhan	Experiences of spatial microsimulation with big and little data: A comparison of models for (parts of) the United Kingdom and New Zealand (36) Presenter: Ben Anderson
	Dynamic microsimulation of the elderly disability (42) Presenter: Elsa Perdrix	Toward stronger fiscal integrations in the European Union: An agent-based approach (123) Presenter: Marko Petrović	DYNAMIS-POP – A Multi-Country Portable Dynamic Microsimulation Model for Population, Education and Health Applications in Developing Countries (62) Presenter: Martin Spielauer	Twelve years of the “International Journal of Microsimulation”. A bibliometric network analysis about actors and fields of application (119) Presenter: Marc Hannappel	Labour market microsimulation model with spatially distinct labour markets (17) Presenter: Tjasa Bartolj
	Introducing health and care in the Danish microsimulation model SMILE (54) Presenter: Sren Skotte Bjerregaard	Microsimulations and uncovering the structure of botnets from real-world data (14) Presenter: Agnieszka Werpachowska	Assessing the Anti-Poverty Effects of Social Transfers: Net or Gross? And does it really matter? (112) Presenter: Chrysa Leventi	A Comparison of EUROMOD and SWITCH, Two Microsimulation Models of the Irish Tax and Benefit System (45) Presenter: Maxime Bercholz	REMIKIS A regionalized dynamic microsimulation for Trier (70) Presenter: Schmaus Simon
	Reducing the probability of moving to a nursing home in the Netherlands: a static microsimulation approach (59) Presenter: Evelien Eggink	Intergenerational Transmission of Informational Disadvantage A New Approach to Immobility across Generations (98) Presenter: Elif Cansu Akoguz			MikroSim A dynamic spatial microsimulation model for Germany (73) Presenter: Ralf Muennich
1230	Lunch & Poster Session Arts Millennium Foyer				
1330	Parallel 21 -	Parallel 3 -	Parallel 6 -	Parallel 27 -	Parallel 29 -
	Adding Historical Earnings to the 2004 and 20018 Survey of Income and Program Participation (SIPP) (116) Presenter: Karen Smith	Projected Prevalence for Alzheimers disease and other Dementias in Korea from 2010 to 2065 using a Micro-simulation Model (50) Presenter: Young-Eun Kim	The stabilising effect of tax-benefit systems on gender earnings inequality in Europe (8) Presenter: Claire Keane	Feasible Smooth Income Tax Schedules: Benefits and Distributional Implications (4) Presenter: Eric Sommer	Conditional Independence, Calibration and the Generation of Synthetic Spatial Microdata (106) Presenter: Cathal O'Donoghue
	Design Options for a new Dynamic Microsimulation Model for Retirement Income in Canada (91) Presenter: Chantal Hicks	Risks and Costs of Severe Cognitive Impairment at Older Ages: Literature Review and Projection Analyses (90) Presenter: Melissa Favreault	Understanding Redistribution in Italy over the Period 2005-2018: A Comparative Analysis Using EUROMOD (120) Presenter: Stefano Boscolo	Forecasting Child Poverty in Scotland using A Microsimulation Model (60) Presenter: Graham Stark	Generating a German Small-Scale Base Population for Spatial Microsimulation (71) Presenter: Hariolf Merkle
	Implementing empirical results of panel models with lagged dependent variables and random intercepts into dynamic microsimulation (93) Presenter: Dawid Bekalarczyk	Projecting Alzheimers and other dementias in Canada (92) Presenter: Douglas Manuel	Intensity of poverty among young adults in Europe: how are the strategies of European countries? (76) Presenter: Vincent VERGNAT	Optimal Policy Modelling and the Australian Social Security System (67) Presenter: Ben Phillips	Comparison of sample free and sample based synthetic populations (105) Presenter: Robert Tanton
	Analysing Explanatory Factors Impacting Farm Income: A Comparison of Deep Learning and Regression Models (124) Presenter: Dilovar Haydarov	The Development of Reporting Guidelines for Public Health Non-Communicable Diseases Modelling Studies (96) Presenter: Douglas Manuel		Tax-benefit reforms and the anti-poverty marginal benefit of public funds in Belgium (103) Presenter: Diego Collado	

1520	Coffee Arts Millennium Foyer				
1545	Parallel 20 -	Parallel 7 -	Parallel 10 -	Parallel 30 -	
	A new measure of Intra-generational Redistribution within PAYG Pension Schemes and its Application to German Micro-data (13) Presenter: Sven Stowhase	Modelling migration between municipalities in Flanders using Liam II (1) Presenter: Ingrid Schockaert	The Tax Structure of an Economy in Crisis: Greece 2009-2017 (75) Presenter: Chrysa Leventi	SocialLab: A Census-based Microsimulation Tool for Policy Inquiry (23) Presenter: Peter Davis	
	Money metric utilities and reference prices (64) Presenter: Andre Decoster	MCMATCH: Morrison-Chénard Marriage Algorithm by Targeted Couples Handling (32) Presenter: Richard Morrison	Drivers of Income Inequality in Luxembourg: Isolating the Roles of Policy, Demography, Market Returns and Labour Market Structure (80) Presenter: Emilia Toczydlowska	A Better Measure of Poverty and Optimal Policy Modelling for Australia's Social Security System (68) Presenter: Ben Phillips	
	Using synthesis methods to estimate micro-level data with multiple sources A simulation study (77) Presenter: Kristina Neufang	And When I Die: Modeling End of Life and After-death Costs as Part of Financial Planning (34) Presenter: Richard Morrison	Accounting for the distributional effects of the 2007-2008 crisis and the Economic Adjustment Program in Portugal (88) Presenter: Denisa Sologon	Going public with model family calculations: Finnish Household Income Calculator for visualizing the earnings, taxes, benefits, and housing costs in Finland (24) Presenter: Pasi Moisio	
	Validation of Complex Microsimulation Model (99) Presenter: Jinjing Li			Simulate your own reform - Bringing microsimulations closer to policy makers and the public (84) Presenter: Norbert Švarda	
1735	Plenary 2 - Prof. Andreas Peichl, Director of the ifo Center for Business Cycle Analysis and Surveys and Professor of Economics at the University of Munich				
2000	Seminar Dinner, Connemara Ballroom, Meyrick Hotel, Eyre Square, Galway				
Day 2					
900	Plenary 3: Prof Eveline Van Leeuwen, Professor in Urban Economics, Wageningen University, Vice President European Regional Science Association				
1000	Coffee Arts Millennium Foyer				
1030	Parallel 18 -	Parallel 11 -	Parallel 17 -	Parallel 2 -	
	Estimating sub-national behaviour in the Danish microsimulation model SMILE a general approach for estimating transition probabilities with numerous high dimensional covariates (53) Presenter: Marianne Frank Hansen	Modelling the economic impact of next generation sequencing on childhood cancer management a microsimulation approach (38) Presenter: Owen Tan	How to improve the labour income tax system in Sweden (33) Presenter: Peter Ericson	An intelligent system based agriculture microsimulation model with bootstrapping validation (74) Presenter: Azizur Rahman	
	Capturing persistence and change in dynamic microsimulation models (118) Presenter: Rita Scholl	Long-term economic impacts of exome sequencing for suspected monogenic disorders (40) Presenter: Luke Rynehart	Microsimulation of the value chain (19) Presenter: Cathal Geoghegan	Fuel Taxation by CO2 Emissions: Distributional Effects of a Green Fuel Tax Reform in Germany (89) Presenter: Lara Quack	
	Long-term dynamic microsimulation modelling of labor market careers: a new approach using profiles and matching (69) Presenter: Karel Van den Bosch	OncoSim cancer microsimulation model: Assessing cancer burden attributable to modifiable risk factors in Canada (81) Presenter: Keiko Asakawa	Adjusting the welfare system to new labour market risks: Integrating (78) Presenter: Jannek Muehlhan	Improving the Localised Environmental Precision of a Spatial Farm Level Microsimulation Model (110) Presenter: Dilovar Haydarov	
	Modelling foreign labour inflows using a microsimulation model of an ageing country - Slovakia (72) Presenter: Miroslav Stefanik	OncoSim cancer microsimulation model: Assessing cancer burden attributable to modifiable risk factors in Canada (81) Presenter: Keiko Asakawa	Adjusting the welfare system to new labour market risks: Integrating (78) Presenter: Jannek Muehlhan	Does the Spatial Distribution of Attitudes to Water Quality Mitigation Strategies match the Spatial Distribution of Poor Water Quality (111) Presenter: Dilovar Haydarov	

1230	Lunch Arts Millennium Foyer				
1400	Parallel 26 -	Parallel 13 -	Parallel 19 -	Parallel 8 -	
	Medium-term projection for Belgium of the at-risk-of-poverty and social exclusion indicators based on EU-SILC (2) Presenter: Ekaterina Tarantchenko	IDMOD: A microsimulation model of the economic and psychosocial impacts on families affected by intellectual disability (39) Presenter: Deborah Schofield	Basic income and optimal taxes. Efficiency, equity, losers and winners. (117) Presenter: Nizamul Islam	Decomposing welfare inequality in Egypt and Tunisia: An Oaxaca-Blinder based approach (58) Presenter: Yosr Abid Fourati	
	Mobility and the lifetime distributional impact of tax and transfer reforms (7) Presenter: Barra Roantree	Validating risk factor and chronic disease projections in the Future Adult Model (121) Presenter: Bryan Tysinger	Implementing Caregiver Leave Benefits - A Microsimulation Analysis for Germany (41) Presenter: Mara Rebaudo	The Redistributive Potential of Revenue Policy in Namibia (115) Presenter: Jon Jellema	
	Measuring economic insecurity with microsimulation (29) Presenter: Matteo Richiardi	The Take-Up of Health Benefits in Ireland: Insights from Microsimulation (43) Presenter: Mark Regan	Building a longitudinal income module for spatial microsimulations based on the German taxpayer panel (85) Presenter: Jana Emmenegger	Exploring Location Choice Decisions in Developing Countries Using Spatial Microsimulation (113) Presenter: Noriel Christopher C. Tiglao	
	The Distribution of Private and Fiscal Returns to Higher Education: A Dynamic Microsimulation Approach (101) Presenter: Benjamin Fischer	Economic costs of lost productive life years due to chronic disease: results from a microsimulation model Health&WealthMOD2030 for Australians aged 45 to 64 years old (66) Presenter: Rupendra Shrestha			
1600	Coffee Arts Millennium Foyer				
1630	Plenary 4 - General Meeting of the International Microsimulation Association				
Day 3					
900	Plenary 5: Round Table on the Future of Comparative Microsimulation Modelling				
1000	Coffee Arts Millennium Foyer				
1030	Parallel 24 -	Parallel 14 -	Parallel 16 -	Parallel 4 -	
	What are the consequences of the AWG 2018 projections and hypotheses on pension adequacy? Simulations for three EU member states (3) Presenter: Gijs Dekkers	Evaluating the policy effects of out-of-pocket health payments on household incomes in Finland 2010-2018 (5) Presenter: Jussi Tervola	Expenditure imputation and microsimulation of VAT (9) Presenter: Zuzana Siebertova	A Microsimulation Model for the Agricultural Land Rental Market in Ireland (26) Presenter: Jason Loughrey	
	Social sustainability of the Norwegian pension system (11) Presenter: Nils Martin Stolen	Preventing disease in the elderly to improve lifetime (122) Presenter: Yu JC	Modelling value-added tax (VAT) in South Africa (55) Presenter: Wynnona Stein	EFFECTS OF CHANGING CONDITIONS FOR BIOMASS USE: RESULTS OF SYSTEM-DYNAMICS BASED SCENARIOS IN AUSTRIA (31) Presenter: Tobias Stern	
	Your Money and Your Life: Decumulation Strategies from Real Retirees, and Their Consequences (35) Presenter: Richard Morrison	Economic Cost of Type II Diabetes in Australia (100) Presenter: Laurie Brown	Consumption pattern and subsistence level: Effects of changing social assistance regulations in Germany (65) Presenter: Maximilian Sommer	Towards a simulation-based understanding of biorefinery development (63) Presenter: Julia Wenger	
	A dynamic microsimulation model for Argentina's social security system (52) Presenter: Leonardo Eric Calcagno	Predicting long-term population health of sugar-sweetened beverage taxes: A microsimulation approach (102) Presenter: PhuongGiang Nguyen	Comparative Analysis of Different Imputation Methods to Impute Expenditures into an Income Dataset (97) Presenter: Elif Cansu Akoğuz	The Importance of Fiscal measures in Financial Incentives for Land Use Decisions (109) Presenter: Mary Ryan	
1220	Plenary 6: Microsimulation for Policy, Dr Herwig Immervoll, Senior Economist and Head of Employment-Oriented Social Policies, OECD				

1320	Lunch Arts Millennium Foyer				
1430	Parallel 25 -	Parallel 15 -	Parallel 22 -	Parallel 9 -	
	AN EVALUATION OF THE EFFECTS OF THE TWO MOST RECENT ITALIAN PENSION REFORMS ON SUSTAINABILITY, ADEQUACY AND INCOME DISTRIBUTION IN THE MEDIUM-LONG RUN (48) Presenter: Letizia Ravagli	A multi-purpose agent-based model of the healthcare system (86) Presenter: Alejandro Blasco	The Dynamic Cross-sectional Microsimulation Model MOSART (12) Presenter: Nils Martin Stolen	Income inequality in Latin America: the role of personal income tax (51) Presenter: H. Xavier Jara	
	Forecasting the Pension wealth of the Danish population in SMILE (44) Presenter: Tobias Markeprand	An operationalizing theoretical framework for the analysis of universal health coverage reforms: First test on an archetype developing economy (49) Presenter: Mohammad Abu-Zaineh	DYPENSI Dynamic Pension Microsimulation Model for Slovenia: Overview, Model Architecture and Recent Developments towards a Multi-Purpose Policy Tool (16) Presenter: Natasa Kump	The supply of informal work in Colombia: a microeconomic approach (56) Presenter: David Rodriguez	
	The Distribution of Pension Wealth in Norway (82) Presenter: Elin Halvorsen	Building a microsimulation model to predict future health of Canadian population: developing a framework and prototype model (94) Presenter: Koffi Kpelitse	The inequality of public pension benefits of the elderly using Estonian data (104) Presenter: Magnus Piirits	Tax simulation in an economy with a large informal sector and inequality: the case of Mexico (87) Presenter: Alejandro Blasco	
	MicroWELT - Microsimulation of Disaggregated National Transfer Accounts (NTAs) for the Comparative Study of Welfare State Regimes (61) Presenter: Martin Spielauer	Creating a synthetic database for use in microsimulation models to investigate alternative pharma-care programs in Canada (95) Presenter: Deirdre Hennessy	IRPETDIN: A DYNAMIC MICROSIMULATION MODEL FOR ITALY AND THE REGION OF TUSCANY (47) Presenter: Letizia Ravagli		
1630	Coffee Arts Millennium Foyer and Close				