

# Martin Spielauer

☎ (+43) 17982601340

✉ **Email address:** [martin.spielauer@wifo.ac.at](mailto:martin.spielauer@wifo.ac.at)

🌐 **Website:** [http://www.wifo.ac.at/martin\\_spielauer](http://www.wifo.ac.at/martin_spielauer)

🌐 **Website:** [http://www.spielauer.ca/cv/cv\\_ms.html](http://www.spielauer.ca/cv/cv_ms.html)

📍 **Address :** Arsenal, Objekt 20, 1030 Vienna (Austria)

## WORK EXPERIENCE

---

### Senior Economist

**Austrian Institute of Economic Research (WIFO)** [ 2016 – Current ]

**Address:** Arsenal, Objekt 20, 1030 Vienna (Austria) - <https://www.wifo.ac.at>

Research group: Labour Market, Income and Social Security

Applied research and development of multi-country simulation models in the context of demographic change

### Consultant

**The World Bank** [ 2016 – Current ]

**Address:** Washington D.C. (United States)

Development of dynamic microsimulation models

### Senior analyst

**Statistics Canada** [ 2007 – 2015 ]

**Address:** Ottawa (Canada)

Development of dynamic microsimulation models

### Researcher

**Max Planck Institute for Demographic Research** [ 2003 – 2006 ]

**Address:** Rostock (Germany)

UNECE Generations and Gender Project

### Researcher and Head of Socio-Economic Department

**Austrian Institute for Family Studies** [ 1999 – 2003 ]

**Address:** Vienna (Austria)

### Researcher

**International Institute for Applied Systems Analysis (IIASA)** [ 1998 – 2002 ]

**Address:** Laxenburg (Austria)

World Population Project, Social Security Reform Project

## EDUCATION AND TRAINING

---

### Ph.D. (Economics and Computer Science)

*University of Vienna; Statistics and Decision Support* [ 2001 – 2003 ]

**Address:** Vienna (Austria)

**Level in EQF :** EQF level 8

Doctoral Thesis: “A dynamic microsimulation model for Austria: general framework and application for educational projections”. [\[PDF\]](#)

### Master of Economics and Social Science

*University of Vienna* [ 1995 ]

**Address:** Vienna (Austria)

**Level in EQF :** EQF level 7

Master thesis: “Financial flows under alternative models of housing finance and policies”. [\[PDF\]](#)

## LANGUAGE SKILLS

---

Mother tongue(s):

### German

#### English

**LISTENING:** C2 **READING:** C2 **WRITING:** C2

**SPOKEN PRODUCTION:** C2

**SPOKEN INTERACTION:** C2

#### Spanish

**LISTENING:** C2 **READING:** C2 **WRITING:** C2

**SPOKEN PRODUCTION:** C2

**SPOKEN INTERACTION:** C2

#### French

**LISTENING:** B1 **READING:** B1 **WRITING:** B1

**SPOKEN PRODUCTION:** B1 **SPOKEN INTERACTION:** B1

## PUBLICATIONS

---

### Publications

- Leoni, T., Spielauer, M., Reschenhofer, P., Soziale Unterschiede, Lebenserwartung und Gesundheitsausgaben im Lebensverlauf, WIFO, Wien, 2020.
- Winkler-Dworak M., Beaujouan, E., Di Giulio, P., Spielauer, M., Simulating Family Life Courses: An Application for Italy, Great Britain, and Scandinavia. VID Working Papers 8/2019 - Austrian Academy of Sciences.
- Fink, M, J. Janová, D. Nerudová, J. Pavel, M. Schratzenstaller, F. Sindermann-Sinkiewicz, M. Spielauer, Genderdifferentiated Effects of Changes in Personal Income Taxation. Intereconomics. Volume 54, 2019, 3, p. 146-154
- Spielauer, Dupriez (2019) DYNAMIS-POP: A dynamic micro-simulation model for population and education projections and for the simulation of policies. Project Website incl. Project Report, Code Documentation, Software Downloads [DYNAMIS.IHSN]
- Spielauer, M., Dupriez (2019) DYNAMIS-POP – A Multi-Country Portable Dynamic Microsimulation Model for Population, Education and Health Applications in Developing Countries. Paper presented at the International Microsimulation Conference 2019
- Fink, M., Janová, J., Nerudová, D., Pavel, J., Schratzenstaller, M., Sindermann, F., Spielauer, M., Policy Recommendations on the Gender Effects of Changes in Tax Base, Mix, Rates, and Units: Result of Microsimulation Analysis for Six Selected EU Member States. FairTax Working Paper Series 24, European Union's Horizon 2020 research and innovation program 2014-2018, 2019.
- Spielauer, M., Architectural and Design Options in Pension Microsimulation. In: Hicks, Spielauer, Moore (Eds.) Option Analysis for a New Dynamic Microsimulation Model of Retirement Income for Employment and Social Development Canada (ESDC). Study commissioned by Employment and Social Development Canada (ESDC), 2019.
- Patxot, C., Solé, M., Souto, G., Spielauer, M., The Impact of the Retirement Decision and Demographics on Pension Sustainability: A Dynamic Microsimulation Analysis; International Journal of Microsimulation, 2018, 11(2), p. 84-108
- Kump, N., Majcen, B., Sambt, J., Lotric Dolinar, A., Spielauer, M., Verbic, M., Spruk, R., Dinamichni Mikrosimulacijski Pekojninski Model. EkonomIERa, 2017.
- Spielauer, M., "The relation between education and labour force participation of Aboriginal peoples: A simulation analysis using the Demosim population projection model". Canadian Studies in Population, 2014, vol 41 1-2, p. 144-164.
- Thomson, E., Winkler-Dworak, M., Spielauer, M., Prskawetz, A. "Union instability as an engine of fertility? A microsimulation model for France". Demography. 2012, vol 49, p. 175–195.
- Spielauer, M., Anderson, R.E., "Microsimulation modeling of student success in community colleges using MicroCC". Social Science Computer Review. 2012, vol 30, p. 499–512.

## PROJECTS

---

### Projects

**WELTRANSIM** – Demographic Change and Intra and Intergenerational Distribution: Modelling the Impact of Different Welfare Models. International collaborative project commissioned by the EU commission, Horizon 2020. **Role:** technical lead of the MicroWELT microsimulation model development.

**DYNAMIS-POP** - A Multi-Country Portable Dynamic Microsimulation Model for Population, Education and Health Applications in Developing Countries - **Role:** technical lead of the DYNAMIS-POP microsimulation platform development (World Bank)

**FAIRTAX** FairTax is a crossdisciplinary four year H2020 EU project aiming to produce recommendations on how fair and sustainable taxation and social policy reforms can increase the economic stability of EU member states. **Role:** EUROMOD policy simulations

## JOB-RELATED SKILLS

---

### Job-related skills

**Teaching:** Experience in teaching **PhD courses** on "Dynamic Microsimulation for Demographers", at the European Doctoral School for Demography (EDSD), 2006-2015 (Rostock, Paris, Lund, Barcelona, Warsaw). **Workshops** for dynamic microsimulation in private industry, international organizations, government organizations and academia (countless, 5 continents)

**Refereeing:** Acted as a referee for the following peer-reviewed journals: Demographic Research, Canadian Studies in Population, Vienna Yearbook of Population Research, International Journal of Microsimulation, Population Horizons