

## Ciprian PANZARU

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### A. Education

Ph.D. in Sociology, West University of Timisoara, Faculty of Sociology and Psychology.

Ph.D. in Marketing, West University of Timisoara, Faculty of Economics and Business Administration.

M.A. in Social Economy, West University of Timisoara, Faculty of Sociology and Psychology.

B.A. in Sociology, West University of Timisoara, Faculty of Sociology and Psychology.

### B. Teaching Activity

Permanent position at the West University of Timisoara, Department of Sociology (Professor Ph.D. from 2018), teaching courses in Economic Sociology, Sociology of Migration, Labour Economics, Labour Market, Social Mobility and Social Stratification.

Visiting professor to the Artois University, France (2018).

Visiting researcher to the Department of Applied Economics (DULBEA) of the Free University of Brussels (2012).

Erasmus teaching mobility to the University of Cassino, Italy (2016, 2017, 2018, 2019).

### C. Areas of Specialization

#### Labour Market

Research focused on using web mining and data mining in analysing labour market dynamics, member of the Regional Labour Market Monitoring Network, country expert in the project “Real-time Labour Market information on Skill Requirements: Setting up the EU system for online vacancy analysis” (funded by Cedefop, coordinated by CRISP – University of Milan Bicocca) and “Towards the European Web Intelligence Hub - European system for collection and analysis of online job advertisement data (WIH-OJA)” (funded by Cedefop/Eurostat, coordinated by CRISP – University of Milan Bicocca).

#### Migration Studies

Habilitation thesis in Labour Migration, PhD thesis in Sociology of Migration, member of Romanian Network on Migration Studies (RoMig), member of European Sociological Association – RN 35: Sociology of Migration.

## Quantitative Research Methods

Diploma of Competence in Social Statistics and SPSS, interested in Computational Sociology, coordinator of the Research Group in Social and Economic Complexity (SCOPE), West University of Timisoara.

## D. Recent Research Activities

Country expert for the project “Towards the European Web Intelligence Hub - European system for collection and analysis of online job advertisement data (WIH-OJA)” for Cedefop/Eurostat, coordinator CRISP - University of Milan Bicocca.

Researcher in the project “Coordinated higher institutions responses to digitalization (ESCALATE), International project to support Strategic Partnerships for higher education (2019-1-RO01-KA203-063214), coordinator West University of Timisoara, Romania.

Researcher in the project “MildLifeSkillsReview”. International project to support Strategic Partnerships for adult education (2020-1-UK01-KA204-079009), coordinator Trades Union Congress, United Kingdom.

Researcher in the project “Acquiring Crisis-proof Skills through Online Learning” (ACSOL), International project to support Strategic Partnerships for Vocational education, and training (2020-1-ES01-KA226-VET-096242), coordinator Servicio Vasco de Empleo (LANBIDE), Spain.

Researcher in the project “Virtual & Augmented Reality Toolkit to Engage Seniors Brain with InTer-Generational UndErstanding” (VARTES), International project to support Strategic Partnerships for adult education (2020-1-ES01-KA204-082270), coordinator Stucum SA, Spain.

Researcher in the project “Forecasting Migration Flows using Agent Based Modelling”, National project to support research on Romanian migration and diaspora (CNCS – UEFISCDI, 1/06.10.2016, PNCDI III), coordinator: West University of Timisoara.

Researcher in the project “Sustainability of the Social Security System in Romania”, POSDRU/89/1.5/S/59184.

## E. Recent Publications

### Articles

Panzaru, C. and Noja, G. (2021) *Five possible impacts of digitalisation in Romania*, European Review of Applied Sociology, Vol. 14 No. 22, pp. 1-10.

Panzaru, C., Esposito, M., Ferrara, M., & De Vito, E. (2020). *The Relationship between Life Satisfaction and Risk Behaviors: A Cross-Cultural Analysis of Youth*. Advances in Applied Sociology, 10(9), 356-368.

Panzaru, C. et al. (2018). *Migrants’ Role in Enhancing the Economic Development of Host Countries: Empirical Evidence from Europe*. Sustainability, 10(3), 894.

Panzaru, C., Reisz, R. D. (2017). *Brain Drain Migration from Romanian Academia. The End of a Mirage*. European Review of Applied Sociology, 10(14), 34-48.

Panzaru C., Brandas C., Filip F. (2016) *Data Driven Decision Support Systems: An Application Case in Labour Market Analysis*. Romanian Journal of Information Science and Technology 19(1-2). 65-77

Panzaru C. (2015). *On the Sustainability of the Romanian Pension System in the Light of Population*

*Declining*. Social and Behavioral Sciences, 183. 77-84

Panzaru C. (2015). *The Geopolitics of Romanian Migration*. Ceskoslovenska Psychologie 59. 110- 120

Panzaru C., Reisz R. (2013). *Validity of the Push and Pull Hypothesis for the Explanation of Romanian Migration Flows*. Journal of Social Research and Policy, 4(1). 93-108

Panzaru C. (2013) *The Determinants of Youth Unemployment. A Times Series Cross-Sectional Data Analysis*. Social Work Review, 1/2013. 71-80

Panzaru C. (2013). *Labour Market and Social Security in Romania*. European Review of Applied Sociology, 6(6). 16-22.

Panzaru C., Tomita M. (2013). *Parent Involvement and Early School Leaving*. Review of Research and Social Interventions, 40/2013. 21-36

Panzaru C. (2013). *The Effect of Population Aging on the Social Security System*. European Review of Applied Sociology, 6(6). 29-34

Panzaru C. (2013). *The Determinants of International Migration. A Panel Data Analysis*. Journal of Politics and Law, 6(1). 142-148

Panzaru C. Belea S. (2012). *Factors Influencing the Deficit of Social Security Systems. A Panel Data Analysis*. Romanian Statistical Review, 10/2012. 46-56

Panzaru C., Enache C. (2012). *Romanian Migration Flows in European Countries: Does Social Security Matter?*. Apulensis, 2(14). 485-495

Panzaru C. (2012). *The Seasonal Labor Migration*. Studia Universitatis Vasile Goldiș Arad - Economic Sciences, 1-2. 154-163

Panzaru C. (2011). *Social Security in Romania after EU Accession. Risks and Trends*. CES Working Papers, 3(2). 314-329

Panzaru C. (2011). *Social Risks Arising from Evolution Trends in Population Structure*. Economic Insight, (63)2. 84-94

Panzaru C. (2011). *The Payg Variant versus the Fully Funded Variant in Configuring an Effective Pension System*. CKS eBook. 883-890

## Books

Panzaru, C., Larsen C., Kipper J., Schmid A. (2021). *Transformations of Regional and Local Labour Markets Across Europe in Pandemic and Post-Pandemic Times. Challenges for Regional and Local Observatories*. Nomos Verlagsgesellschaft, Baden-Baden, Germany.

Panzaru, C. (2013). *The Risks and Vulnerabilities on the Romanian Social Security System*, ASE Publishing, Bucharest 2013.

## Part of collective books

Panzaru, C., Noja, G. G., Cristea, M., Ștefea, P. (2020). *Challenges and Perspectives of International Migration in Europe within the Brexit Framework*. In *Uncertainty and Challenges in Contemporary Economic Behaviour*. Emerald Publishing Limited.

Panzaru, C., & Enache, C. (2020). *Contributions of SMEs to Employment in Romania*. In *The Importance of SMEs as Innovators of Sustainable Inclusive Employment. New Evidence from Regional and Local Labour Markets*, Larsen, C., & Kipper, J. (Eds., ), Rainer Hampp Verlag, Munchen.

Panzaru C. (2019). *Between Formal and Informal Employment: The Case of Freelancers*. In *Assessing Informal Employment and Skills Needs: Approaches and Insights from Regional and Local Labour Market*

Monitoring, Christa Larsen, Sigrid Rand, Alfons Schmid, Vyacheslav Bobkov Vyacheslav Lokosov (Eds.), Augsburg, München

Panzaru C, Iotu A. (2018). *Generation Z vs. the Labour Market: Skills Expectations in a New Era*. In *Developing Skills in a Changing World of Work: Concepts, Measurement and Data Applied in Regional and Local Labour Market Monitoring Across Europe*, Christa Larsen, Sigrid Rand, Alfons Schmid, Andrew Dean (Eds.), Augsburg, München

Panzaru, C. Brandas, C. (2017). *A Conceptual Model of Collaborative Support Sistem for Labour Market Governance*. In *The Importance of Governance in Regional Labour Market Monitoring for Evidence-based Policy-making*, Christa Larsen, Sigrid Rand, Alfons Schmid, Tilman Nagel, Heike Hoess (Eds.). Rainer Hampp Verlag, Augsburg, München

Panzaru, C. Brandas, C (2017). *Data Driven Decision Support Systems: An Application Case in Labour Market Analysis*. In *Computer-Supported Collaborative Decision-Making. Automation, Collaboration, & E-Services*, vol 4. Springer

Panzaru, C. Brandas, C. (2016). *Towards a Smart Labour Market in the Industry 4.0*. In Larsen et al. (Eds.). (2016). *Digital (R)evolution and Its Effects on Labour: Opportunities and Challenges for Regional and Local Labour Market Monitoring*. Munchen. Rainer Hampp Verlag. pag. 283-295.

Panzaru, C. Brandas, C. (2015). *Analysing Labour Demand and Supply Using Web Mining and Data Mining in Romania*. In Larsen, C., Rand, S., Schmid, A., Mezzananza, M., & Dusi, S. (2015). *Big Data and the Complexity of Labour Market Policies: New Approaches in Regional and Local Labour Market Monitoring for Reducing Skills Mismatches*. Munchen. Rainer Hampp Verlag. pag. 71-86

Panzaru, C. (2014). *Defining and Measuring Green Economy in Romania*. In Larsen, Christa / Edge, Sigrid / Schmid, Alfons / Wedge, Rolf (2014): *Sustainable Economy and Sustainable Employment: Approaches to Measuring Sustainability in Regional and Local Labour Market Monitoring*, Munich, Mering: Rainer Hampp Verlag, pp. 97-113

Panzaru, C. (2013). *The Roles and Functions of the Labour Market Observatories in Romania*. In Larsen, C., Rand, S., Schmid, A., Atin, E., Serrano, R. (Eds.), *Shifting Roles and Functions of Regional and Local Labour Market Observatories Across Europe*. München, Mering, Rainer Hampp Verlag, pp. 117-129

Panzaru, C. (2012). *The Role of Skills Development in the Local Labour Market*. In Larsen, C., Hasberg, R., Schmid, A., Atin, E., Brzozowski, J (eds) *Skills Monitoring in European Regions and Localities*. Munchen, Mering, pp. 105-114

Panzaru, C. (2011). *Cross-Border Labour Mobility between Romania and Hungary*. In Larsen, C., Hasberg, R., Schmid, A., Bittner, M., and Clément, F. (eds) *Measuring geographical mobility in regional labour market monitoring state of the art and perspectives*. München, Hampp, pp. 88-99.

## F. Participation in International Conferences

*Different Sources of Real Time Data on Labour Market Dynamics*. The 16th Edition of the Annual Meeting of the European Network on Regional Labour Market Monitoring. Timisoara, Romania 2021

*Generation Z vs. the Labour Market: Skills Expectations in a New Era*. 13th Annual Meeting of the European Network on Regional Labour Market Monitoring (EN RLMM): *Developing Skills in a Changing World of Work: Concepts, Measurement and Data Applied in Regional and Local Labour Market Monitoring*. Exeter, UK 2018

*A data mining and web mining approach for labour market analysis.* (Un)Making Europe: Capitalism, Solidarities, Subjectivities, 13th ESA Conference, Athens, Greece, 2017

*Digitalisation in Romania.* Conference of the DKMT IRTUC, Digitization and Work: Potentials and Challenges for Labour Markets and Trade Union Movement, Vrset, Serbia 2016

*Labour Market Analysis in Big Data Context.* ETF Conference: Approaches to skills anticipation and matching: Exploiting the potential of existing data sets, Maastricht, The Netherlands, 2016

*Analysing labour demand and supply using web mining and data mining - A case study on Romanian labour market.* Real-time labour market information: Skills requirements analysis. European Centre for the Development of Vocational Training. Thessaloniki, Greece 2016

*Agent Based Modeling. A New Approach for Understanding International Migration.* International Conference of the Romanian Sociological Society, Brasov 2015

*Forecasting Romanian Migration Flows using Agent Based Modeling.* The 12th Conference of the European Sociological Association, Prague, Czech Republik, 2015

*The Geopolitics of Romanian Migration.* International Conference "What's Next for Democratic Capitalism? Social and Systemic Problems of Central European Democracies" organizata de the Institute of Psychology, Polish Academy of Sciences and Committee for Psychological Science, Polish Academy of Sciences, Warsaw, Poland 2014

*Brain Drain Migration through Romanian Academics,* International Conference of the Romanian Sociological Society: Society of The twenty-first Century. Challenges, Trends, and Perspectives, Iași, 2014.

*Migration and Cross Border Mobility between Romania and Hungary,* ESA Midterm Conference – Sociology of Migration, Paris, Centre d'Etudes et de Recherches Internationales, Paris, 2012.

*The Effects of Labor Market Trends in Romania over the Sustainability of the Public Pension System,* The Seventh International Conference on Interdisciplinary Social Sciences, Universidad Abat Oliba CEU, Barcelona, 2012.

*The Relationship between Social Security and Labour Market,* International Conference for Academic Disciplines, American University of Rome, 2012.

*Validity of the Push – Pull Hypothesis for the Romanian Emigration,* The 2<sup>nd</sup> International Rss Conference - "Beyond Globalization", Bucharest, 2012.

*The Influence of the Economic Factor on the Romanian Labor Migration,* The 3<sup>rd</sup> International Conference, "Economies of Central and Eastern Europe: Convergence, Opportunities and Challenges", Talinn School of Economics, Tallin, 2011.

*Considerations Regarding the Relationship between Social Security and Labour Market.* The 2<sup>nd</sup> International Conference on Business Administration and Economics, University of Eftimie Murgu Resita and Academic Entrepreneurship and Innovation Network of S.E.E.U., Reșița, România, 2012

*Risk Arising from Undocumented Work. The Case of Romanian Workers in the European Union,* ESA 10<sup>th</sup> Conference 2011: Social Relations in Turbulent Times, Geneve, 2011.

## G. Consultancy and impact

For EASPD (European Association of Service providers for Persons with Disabilities), research on “The short-term impact of COVID-19 on the support services sector”, 2021.

For EASPD (European Association of Service providers for Persons with Disabilities), research on “The short-term impact and policy response of COVID-19 for the PHS sectors”, 2020.

For Interuniversity Research Centre on Public Services (CRISP)/Università degli Studi di Milano-Bicocca, Italy and Institute for Economics, Labour and Culture (IWAK)/Centre of Goethe University Frankfurt, Germany on expert workshop “Real-time Labour Market Information on Skill Requirements: Setting up the EU System for Online Vacancy Analysis (2017-2020)”, 2017, Exeter, UK.

For Interuniversity Research Centre on Public Services (CRISP)/Università degli Studi di Milano-Bicocca, Italy and Institute for Economics, Labour and Culture (IWAK)/Centre of Goethe University Frankfurt, Germany on expert workshop “Real-time Labour Market Information on Skill Requirements: Setting up the EU System for Online Vacancy Analysis (2017-2020)”, 2017, Milano, Italy.

For the European Training Foundation on Eastern Partnership Platform 2 Work Programme for 2014– 2017 on workshop “Approaches to skills anticipation and matching – experiences in the EU and Eastern Partnership region: linking research on labour market and skills dynamics with policy making”, 2016, Maastricht, The Netherlands.

For the European Centre for the Development of Vocational Training (Cedefop) on validation of working prototype “Real-Time Labour Market Information: Skills Requirements Analysis”, 2016, Thessaloniki, Greece.

## H. Membership

Member of the Research Group in Social and Economic Complexity (SCOPE).

Editor in Chief of the European Review of Applied Sociology

Member of the Scientific Committee of the European Network on Regional Labour Market Monitoring

Member of the Scientific Committee of the JobWatch project, Fondazione Giacomo Brodolini

Member of the European Sociological Association (ESA)

Member of the ESA Research Network Sociology of Migration

Member of the ESA Research Network Sociology of Ageing

## I. Languages

English, Romanian (mother tongue).

## J. Technical Skills

Office package, Analytical and statistics programs (SPSS, EViews, STATA), Programming Languages (Java, HTML), e-Learning software (Moodle).