

**39<sup>th</sup>**  
**International Association  
for Time Use Research Conference**

Time use research:  
past, present and future perspectives

**MADRID**  
19th - 21st July 2017



**POLITÉCNICA**

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**Ignace Glorieux**

From the 19th till the 22nd of July, the international community of time use researchers, united in the International Association for Time Use Research (IATUR), comes together in Madrid for the **39th IATUR Conference** on *'Time use research: past, present and future perspectives'*.

IATUR has been in Madrid before. In fact, 27 years ago, in 1990, Madrid hosted the conference of the International Sociological Association (ISA). At that time, IATUR was still an ad hoc research group of ISA and only had very few members. Since the end of the previous century, IATUR not only expanded in terms of memberships, but also grew out as a global organization with very active centers all over the world.

Members of IATUR are not just passive members who pay their dues (in fact some of them forget to pay their yearly dues!). I am happy to witness a lot of involvement in and commitment to IATUR among our members. A few weeks ago we launched a call among our members to join the executive board and council. I was very happy to see that for each single vacant position, different candidates applied. Last year, Joachim Merz quitted as the Managing Editor of the electronic International Journal of Time Use Research (eIJTUR), which he founded in 2003, and again there was no real problem to find successors to continue his work. Liana Sayer and Killian Mullan worked together on a report in which they lay out their future plans for the journal and in the meantime did the necessary editing work to ensure the continuation of the journal in this period of transition. I want to thank them both very much for this effort, and of course I want to thank Joachim for his long time commitment for eIJTUR.

I also want to take the opportunity to thank two other persons who played a crucial role for the continuation of IATUR the last few years. Both worked hard to do the daily administration of our organization: Joeri Minnen and Theun Pieter van Tienoven. Theun is running the CRM system and did help a lot with the organization of this year's conference, Joeri is responsible for the finances but did a lot of other administration work besides. I thank them both for their commitment.

And there is another person of the executive I want to thank. Unfortunately, she is not here. I think this is the very first time since 1999 that she is absent on our yearly conference. I sincerely want to thank Kimberly Fisher. Kimberly has been very important for IATUR during the last two decades. As the secretary ever since, she has laid down the foundations for the professionalization of IATUR, she has been important for the expansion of the network around IATUR and for many years she did almost all the administration of IATUR.

The people from the Universidad Politécnica de Madrid organize this year's IATUR conference. Without their hard work during the past months, this conference would not have been possible. On behalf of IATUR, I want to thank the organization committee from Universidad Politécnica de Madrid, and especially María Stuyck and José María Fernández-Crehuet Santos for their determination and support.

I also want to thank all participants from all over the globe for joining us here in Madrid. All the efforts of the organizing committee and all your presentations, posters, discussions and exchange of ideas, undoubtedly will contribute to the advancement of time use studies and make this 39th IATUR conference a big success.

I wish you all a fruitful conference.

**Prof. Dr. Ignace Glorieux,**  
President of the International Association for Time Use Research (IATUR)



**José M<sup>a</sup> Fernández-Crehuet**

WELCOME

Dear friends and colleagues,

The Organizing Committee of the **39th IATUR Conference** welcomes all participants of this event that is going to take place in Madrid the 19-21 July 2017.

The Congress will be held in Universidad Politécnica de Madrid.

The Universidad Politécnica de Madrid is the largest Spanish technological university as well as a renowned European institution. With two recognitions as Campus of International Excellence, it is outstanding in its research activity together with its training of highly-qualified professionals, competitive at an international level.

It is an elite institution at which more than 4,600 students specialise in Engineering, Sports Sciences, Architecture and FashionDesign. Other distinguishing features include training in languages, transversal skills, and professional recognition. Its demanding syllabuses encourage the placing of its graduates in the labour market, supported by a close relationship with the business sector. More than 2,400 researchers carry out their activity at the UPM, which is committed to transforming this knowledge into advances applied to the production sector.

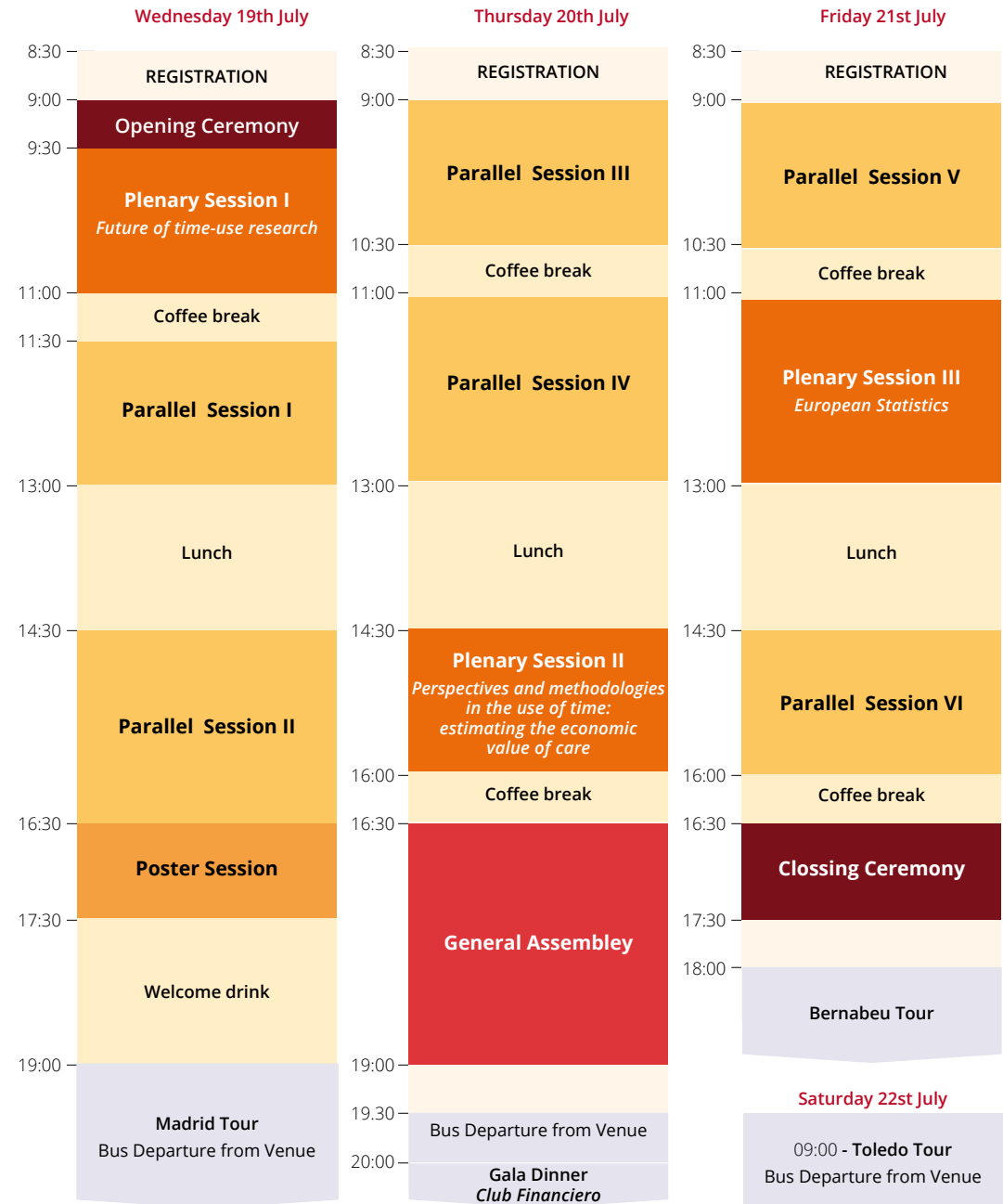
This year's conference theme is "Time use research: past, present and future perspectives".

We aim to create a rich discussion based on the work that is being developed in different participating universities. Throughout these three days, presentations in parallel sessions addressing current challenges with any aspect of time use research related to the vast array of traditional and new perspectives in topics such as: collection methods, empirical analysis, social policy, well-being, societal trends, analytical perspectives and modeling.

We would like to encourage you to share this time and space for professional and personal development with all of us. And it is our commitment to make your stay in Madrid unforgettable.

**José María Fernández-Crehuet**  
Chairman of the Organizing Committee

# PROGRAMME OVERVIEW



# PLENARY SESSION I

Wednesday 19th July

09:30 > 11:00

## Future of time-use research

### AUDITORIO

MODERATOR: Lyn Craig

#### Assessing well-being in rural and urban communities in aging society based on a psychophysiological time use survey method

Junichirou Ishio - Naoya Abe

#### Smartime – A new app to measure daily behaviors through time use

Renzo Carriero

#### Context is King. Understanding behaviour by mapping the context.

Joeri Minnen



**Junichirou Ishio**  
Doctoral Course Student  
International Development Engineering (IDE)  
Tokyo Institute of Technology, Japan

Junichirou Ishio is a Doctor's Degree Candidate studying international development engineering and psychophysiology in Tokyo Institute of Technology. He started a project for measuring people's affective well-being by the combination of time use survey methods and monitoring of people's physiological information by wearable devices from 2014. He has conducted surveys in local communities for seeking the ways to utilize his method for enhancing the residents' well-being. His current project is developing a system to sonificate time use data for making songs of people's affective well-being.



**Renzo Carriero**  
Professor of Sociology  
University of Turin, Italy

Renzo Carriero, PhD (2005, Comparative Social Research) is assistant professor of sociology at the Department of Cultures, Politics and Society of the University of Turin. His research interests cover family sociology, social stratification, and inequalities, with a focus on both objective (i.e. behaviors) and subjective aspects (attitudes and opinions). He has an expertise in various fields of quantitative methods, data collection and analysis. He is currently leading the Smartime project, devoted to the development of a smartphone app to measure daily behaviors.



**Joeri Minnen**  
Researcher  
Vrije Universiteit Brussel, Belgium

Joeri Minnen is a senior researcher at the Research Group TOR (Tempus Omnia Revelat – Time reveals everything) of the Vrije Universiteit Brussel (VUB, Belgium). He studies daily human behaviour with a focus on the methodology of time-diary studies and has been involved in most of TOR's research projects into time registration. During the last 5 years his focus lies on the development of the MOTUS software, which makes it able to collect time diary data online and in a more automatic way.

Joeri Minnen is treasurer of IATUR (International Association for Time-Use Research) and expert in the working group on harmonised time-use research (HETUS) of EUROSTAT.

## PLENARY SESSION II

Thursday 20th July

14:30 > 16:00

### Perspectives and methodologies in the use of time: estimating the economic value of care

#### AUDITORIO

MODERATOR: Indira Hirway

#### Marriage and Housework

Almudena Sevilla - Cristina Borra, Martin Browning

#### Essays to estimate of the economic value of households unpaid work in Latin America

Mercedes Pedrero

#### Twelve compared to eighty-eight

María Ángeles Durán



#### Almudena Sevilla

Professor of Economics, Queen Mary University of London  
PhD Economics, Brown University (USA) 2004

Professor Sevilla graduated from Brown University with a PhD in Economics in 2004. She is currently professor of Economics at Queen Mary University of London, and has previously held positions at the US Congress, the University of Essex, and Oxford University.

Professor Sevilla's research in Economic Demography and time use has led to successful publications across the social science spectrum in world-leading journals such as the American Economic Review and Demography.

#### Mercedes Pedrero-Nieto

Researcher. National University of Mexico (UNAM), Mexico

Ph.D. in Demography, University of Pennsylvania

Senior researcher at the National University of Mexico, since 1988.

She worked 12 years at the Mexican National Institute of Statistics (INEGI)

She has been adviser for the National households' surveys about labor force and time use in several countries: Pakistan, Mozambique and most of the Latin American countries.

Prize National University of Social Sciences Research, 1998.



#### María Ángeles Durán

Professor

She has received the National Award for Research in Social, Economic and Law Sciences Pascual Madoz (2002) and the Honoris Causa doctorate by the Valencia University, Autonomous University of Madrid and Granada University.

A former president of the National Federation of Sociology and member of the Executive Committee of the International Sociological Association, she was the founder and director of the Women's Studies Institute at the Autonomous University of Madrid and the UNESCO Chair "Equality Policies". She has done research stays at the Institute for Social Research (University of Michigan), Spanish College in Paris, European Institute of Florence, University of Washington (Seattle), University of Cambridge, PUC de Rio de Janeiro, National Autonomous University of Mexico (UNAM). She has been Research Professor at the CSIC, where she has been director of the Socioeconomic Analysis and member of the Departments of Economics and Population. Currently she teaches postgraduate courses at several entities. She has participated in several IATUR Conferences.

She is a consultant for the United Nations and has worked with UNESCO, World Health Organization, International Labour Organization, United Nations Economic Commission for Latin America and the Caribbean, United Nations Development Programme, UNFPA and UN Women.

She has published more than two hundred works about unpaid work, use of time, health, women, inequality and urbanism. Among others, the book "Metodología de la investigación del uso del tiempo" (2009). Many of her publications can be accessed freely through the Digital CSIC webpage.

Soon to be published is her book "La riqueza invisible del cuidado: Innovaciones necesarias en el análisis económico y sociológico" (The invisible wealth of care: Necessary innovations in the economic and sociological analysis).

## PLENARY SESSION III

Friday 21st July

11:00 > 13:00

### European Statistics

#### AUDITORIO

MODERATOR: **Bonke Jens**

#### **EUROSTAT's ongoing activities for a Harmonised European Time Use Survey**

Paul Camenzind

#### **Time use survey in EUSTAT: An experience of 25 years.**

José Jabier Zurikarai - Enrique Morán Aláez, Matxalen Plágaro Alonso, Matxalen Legarreta Iza

#### **Cross-country Comparability of 2010 Wave of Harmonised European Time Use Surveys**

Hannu Pääkkönen



#### **Paul Camenzind**

**Education:** 2013: University of Neuchatel, Switzerland: Doctor of Philosophy (Ph.D.), Health Economics, Dr.rer.oec.; PhD thesis: Three Essays on Cantonal Variations in the Utilization and Costs of Health Care Services in Switzerland.

2000: University of Neuchatel, Switzerland: Master's Degree in Mathematical Statistics and Probability.

1989: University of Basel, Switzerland: Master's Degree in Business Economics and Economic Policy.

**Experience:** 2016-present: Luxembourg: Statistical Officer: European Commission DG Eurostat: European surveys EHIS and TUS.

2007-2016: Neuchatel, Switzerland: Deputy Director: Swiss Health Observatory.

2002-2007: Neuchatel, Switzerland: Scientific Project Manager: Swiss Health Observatory.

1996-2002: Bern, Switzerland: Scientific Project Manager: Swiss Federal Office of Social Insurances (BSV).

1992-1996: Bern, Switzerland: Research Assistant: Swiss Federal Office for Industry, Business and Labour (BIGA, today: SECO)

1990-1992: Basel, Switzerland: Research Fellow at the University of Basel, Department of Business Economics and Economic Policy.



#### **José Jabier Zurikarai**

**Education:** Degree in Political Science and Sociology Marketing and Business Administration Master

**Experience:** 2014-nowadays. Head of the Dissemination and Marketing Department in Eustat (Basque Statistical Office).

2008-2014 Head of the Statistical Service in the Environment Department of the Basque Government.

1998-2008 Statistical technician in the Dissemination and Marketing Department. Eustat (Basque Statistical Office).

1996-1998. Statistical technician in Demographic Department. Eustat (Basque Statistical Office).

1993-1995 Statistical technician. Town Council of Vitoria-Gasteiz.



#### **Hannu Pääkkönen** Researcher

Mr. Hannu Pääkkönen is a Senior Researcher at Statistics Finland. He completed his PhD at the University of Tampere in 2010. He has acted as a Project Manager in the Finnish Time Surveys since 1999.

He has lead Eurostat-funded projects at Statistics Finland, where harmonised microdata databases were built for the 2000 and 2010 waves of the European Time Use Surveys.

He has participated in the Eurostat Working Groups and Task Forces on Time Use Surveys since 1995. He has also taken part in UNECE and UNSD working and expert groups on Time Use Surveys.

At present, he acts as a Vice President in the IATUR Executive.



## PARALLEL SESSION I

Wednesday 19th July

11:30 > 13:00

### AUDITORIO

MODERATOR: Tania Cappadozzi

**Between temporal autonomy, wealth in time, and quality - methodological reflection on qualitative and quantitative aspects of Slow Lifers' time use.**

Justyna Kramarczyk

**Subjective well-being: the most enjoyable activities**

Tania Cappadozzi - Laura Cialdea, Manuela Michellini

### AULA PUIG ADAM

MODERATOR: Joosoo Byun

**Social and spare time use of middle-aged single person households by marital status: Comparison of companion, type of activity, and the amount of time.**

Joosoo Byun - Hyojong So, Meejung Chin

**Gender differences in the cultural participation of the elderly**

Francisca Mullens - Jessy Siongers, Ignace Glorieux

### SALA C

MODERATOR: Killian Mullan

**Understanding inconsistencies on time use surveys via smartphone**

Elisa Gobbi - Ivano Bison, Fausto Giunchiglia, Mattia Zeni, Enrico Bignotti

**Family time and technological change: A time-diary study of the UK between 2000 and 2015**

Killian Mullan - Stella Chatzitheochari

**Have mobile devices changed working patterns in the 21st century? A time-diary analysis of work extension in the UK.**

Killian Mullan - Judy Wajcman

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Julie Verbeylen

**Beyond the (spatial and temporal) boundaries of the traditional workplace: a case study of academics.**

Julie Verbeylen - Ignace Glorieux

**The MOTUS platform: combining different research methods.**

Joeri Minnen - Theun Pieter van Tienoven, Ignace Glorieux

**Change in media use in Japan over 20 years: How to research the usage of "new media"**

Masayuki Hayashida

## PARALLEL SESSION II

Wednesday 19th July

14:30 > 16:30

### AUDITORIO

MODERATOR: Christopher Payne

**Carers time use: Preliminary findings from time use diaries**

Rosalie Ashworth - Alison Dawson, Alison Bowes

**The changes in life of the elderly and their effects on TV viewing**

Yoko Watanabe

**Fatherhood, Motherhood and Subjective Time Pressure in Australia, Korea and Finland**

Lyn Craig - Jude Brown, Jiweon Jun

**Can valuations of unpaid work using the output approach benefit from time use data?**

Christopher Payne

### AULA PUIG ADAM

MODERATOR: Melissa Milkie

**Work and Family Life Balance in Single-Mother Households**

Nuria Garcia-Saladrigas

**How do the US-born benefit from marrying immigrants?**

Victoria Vernon - Shoshana Grossbard

**Cross-National Variation in Configurations and Health Implications of the "Second Shift"**

Liana Sayer - Melissa Milkie, Sara Raley, Sanjiv Gupta

**Fragmentation of Daily Time**

William Michelson

### SALA C

MODERATOR: Pan Xuhua

**Antecedents of gender inequality in household work among Italian couples**

Tania Cappadozzi - Linda Laura Sabbadini, Daniele Spizzichino

**Bargaining Power and the Household Division of Labour: Evidence from 2008 China Time-Use Survey**

Pan Xuhua - Shi Fengdan, Pan Xuhua, Caryn Bruyere, Maria S. Floro

**Decomposing the Gender Gap in Housework: Bargaining with Time in the US**

Kamila Kolpashnikova

**Weekend Couples' Time on Housework in Korea: Importance of Gender**

Yun-Suk Lee - Ju-Hyun Kim, Yoo-Jean Song, Phil-Suk Kim, Kyusun Shim

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Jeff Neilson

**Does child gender matter in Sweden? Time investments in children and intergenerational transmission of gender roles.**

Jeff Neilson - Maria Stanfors

**Unpaid work in Mexico: a municipal analysis of gender differences**

Mauricio Rodriguez Abreu - Brigida Garcia

**The division of housework and child care in dual-earner families with young children in Estonia - choice or inevitability?**

Pille Ubakivi-Hadachi - Gerli Nimmerfeldt, Kadri Täht, Margarita Kazjulja, Jelena Helemäe

**The division of housework and caring work between husbands and wives in Japan**

Man Yee Kan

## PARALLEL SESSION III

Thursday 20th July

09:00 > 10:30

### AUDITORIO

MODERATOR: Irina Fernandez

#### **Time-zone and work life balance in Spain**

José María Fernández-Crehuet Santos

#### **Fathers' intensive schedule: an analysis with the Spanish Time Use Survey**

Irina Fernández

#### **The Distribution of 'Discretionary Time' in Spain**

Pedro Rey Araujo - Melchor Fernández Fernández

### AULA PUIG ADAM

MODERATOR: Demet Borekci

#### **Estimating Level of Physical Activity in the Light of Time Use Survey, Turkey 2006**

Demet Borekci - Mahmut Yardim

#### **Class gradients in physical activity – a time-use perspective on health guidelines**

Jef Deyaert - Teresa Harms, Ignace Glorieux

#### **Participation in Sports and Exercise in the U.S. – How's that working out?**

Rose Woods

### SALA C

MODERATOR: Matxalen Legarreta

#### **Time use in housework and care work. Advances and methodological challenges for gender inequality studies.**

Matxalen Legarreta - Cristina García Sainz

#### **Socioeconomic changes in domestic production and consumption by sex and age from 2002 to 2010 in Spain**

Elisenda Rentería - Rosario Scandurra

#### **Time allocation in Female Breadwinner Couples in the United States and Spain**

Joan García Román

#### **Employment transitions and time in unpaid housework: does ethnicity matter?**

Mauricio Rodríguez Abreu

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Edith Johana Medina Hernández

#### **Time Use Research in Costa Rica**

Irma Sandoval

#### **Time use and care policies in Uruguay.**

Karina Batthyany

#### **Children time use in Spain**

Margarita Vega Rapún - Mónica Domínguez-Serrano, Lina Gálvez-Muñoz

#### **Multivariate analysis of the time use as a reflection of the socioeconomic, gender and life cycle differences in the Colombian population**

Edith Johana Medina Hernández - Inmaculada Barrera Mellado, María José Fernández Gómez

## PARALLEL SESSION IV

Thursday 20th July

11:00 > 13:00

### AUDITORIO

MODERATOR: Seth Gershenson

**The Effect of Universal Early Childhood Education on Parental Time Use**

Seth Gershenson - Stephen B. Holt, Taryn Morrissey, Katie Vinopal

**Time use difference of young children according to mother' employment status**

Nam Hee Do

**Time pressure among parents in the society of very low fertility: the case of Korea**

Seung-Eun Cha - Georgios Papastefanou

**The Trends of Parents' Unpaid Work Time and Children in Japan 2001-2011**

Tomomi Shinada

**Children's time use diary Relevance and reliability**

Tania Cappadozzi - Eleonora Meli, Laura Cialdea

### AULA PUIG ADAM

MODERATOR: Patricia Espinoza

**Family structures, institutional clocks and the organization of childcare in Italy**

Tiziana Nazio

**The Effect of Income on on Parent-Child Time Use**

Taryn Morrissey

**How much do we invest in children? Combining the market and the time costs of childbearing in 26 countries**

Lili Vargha - Gretchen Donehower, Tanja Istenič

**A fine balance: work and education in the lives of children living in Ethiopia, India, Peru and Vietnam**

Patricia Espinoza - Catherine Porter

### SALA C

MODERATOR: Michael Bittman

**Time, Diseases of Affluence and the Story of the Mediterranean Diet**

Michael Bittman - Cathy Banwell, Charlotte Wilkinson-Bibicos, Eimear Cleary

**Effects of delaying school start time on adolescents' sleep behavior in South Korea**

Young Kyung Do

**Sleep Time and Obesity: Measurement Issue**

Ki-Soo Eun

**Social contexts and the enjoyment of eating in France**

Man Yee Kan - Anne Lhuissier, INRA-ALISS

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Liana Sayer

**Extended childcare time for married couples with infants in Japan**

Takeshi Mizunoya

**Children's Sex and the Subjective Well-being of Parents**

Younghwan Song

**Non-parental childcare and time allocation in the UK**

Jooyeoun Suh - Killian Mullan

**Disconnecting from work/connecting with children: Mothers' and fathers' parent-child activities, disturbance by paid work and child mental health**

Anne Roeters - Kirsten van Houdt

**The unpaid labor of love: U.S. mothers' time with children on weekdays and weekends**

Liana Sayer - Sanjiv Gupta

## PARALLEL SESSION V

Friday 21st July

09:00 > 10:30

### AUDITORIO

MODERATOR: Ignace Glorieux

#### **The gendered organization of paid work in Belgium**

Ignace Glorieux - Theun Pieter Van Tienover, Joeri Minnen

#### **Coupled clocks: changing work schedules of married couples**

Joon Han - Won Chung

### AULA PUIG ADAM

MODERATOR: Jayoung Yoon

#### **Paid Work and Quality of Life in Low-Income Families in South Korea**

Jayoung Yoon

#### **Ignored supporters of household well-being – what happens beyond the reach of the traditional economic approach**

Jacek Jankiewicz

#### **Time, Income and Subjective Well-Being - 20 Years of Multidimensional Polarization in Germany**

Joachim Merz

### SALA C

MODERATOR: Uffe Enokson

#### **Time-rich and Time-poor: The allocation of time and income**

Uffe Enokson

#### **How was your day? The contribution of job and person-level characteristics to daily work enjoyment**

Pierre Walthery

#### **Caregiving time costs and trade-offs with paid work and leisure: Evidence from Sweden, the UK and Canada**

Jeffrey Neilson - Josephine Jacobs, Jeffrey Neilson, Maria Stanfors

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Okay Gunes

#### **Are Government employees doing the tasks they are intended to do? A time-frame analysis of the working tasks (through MOTUS): job content, well-being, and work-life balance.**

Joeri Minnen - Ignace Glorieux

#### **Welfare Analysis of Time Allocation During the Great Recession in the US**

François Gardes - Anil Alpman

#### **Time Use Elasticity of Substitution Estimates Conditional on Working Time Available**

Okay Gunes - Armagan Tuna Aktuna-Gunes

## PARALLEL SESSION VI

Friday 21st July

14:30 > 16:00

### AUDITORIO

MODERATOR: Ignace Glorieux

#### Time Use Surveys Made Easy

Indira Hirway - Michael Bittman, J Gershuny, Jaques Charmes

#### Time use surveys made easy

Jacques Charmes - Indira Hirway

### AULA PUIG ADAM

MODERATOR: Pui Ting Wong

#### Occupant-Home Interaction before and after renovation. How time diary data (MOTUS) lead to an affordable and internationally applicable renovation concept.

Joeri Minnen - Petrus te Braak, Ignace Glorieux

#### Time Use and Sustainable Urban Development: Exploring Conceptual Links

Barbara Smetschka - Veronika Gaube, Edeltraud Haselsteiner, Dominik Wiedenhofer

#### Residential Electricity Consumption and Time-use Measured Lifestyle: Quantifying the impacts of urbanization in China

Pui Ting Wong - Yuan Xu

### SALA C

MODERATOR: Susana García Díez

#### Sonificating people's time use and well-being in daily life: a result-feedback-method for promoting participants' understanding and satisfaction of time use surveys

Junichirou Ishio - Naoya Abe

#### Uncovering the black box of (non)response in time-use surveys

Petrus te Braak

#### Frontier of the Night

Johanna Giczi

#### Time Use and Well-being. Highlighting indicators introducing qualitative aspects of time perception.

Susana García Díez

### AULA MARÍA FERNÁNDEZ DEL AMO

MODERATOR: Sachiko Kuroda

#### Exploring the relationships between time use patterns and adolescent obesity in New Zealand

Jinfeng Zhao - Arier Lee, Daniel Exeter, Jennifer Utter, Melody Smith, Boyd Swinburn, Andrew Harvey

#### Why Do People Overwork at the Risk of Impairing Mental Health?

Sachiko Kuroda - Isamu Yamamoto

#### Working Alone? Social Time with Coworkers and Emotional Well-being among American Workers

Chaeyoon Lim

# POSTER SESSION

Wednesday 19th July

16:30 > 17:30

## PASILLO B

**P.1 The Colombian Population Time Use Through the Triadic Partial Analysis**

Edith Johana Medina Hernández - Inmaculada Barrera Mellado, María José Fernández Gómez

**P.2 A short introduction to the MOTUS platform**

Joeri Minnen -Theun Pieter van Tienoven, Ignace Glorieux

**P.3 Setup RenovActive project - Occupant-Home Interaction before and after renovation. How time diary data (MOTUS) lead to an affordable and internationally applicable renovation concept.**

Joeri Minnen - Petrus te Braak, Ignace Glorieux

**P.4 2017 ATUS Leave and Job Flexibilities Module**

Rose Woods

**P.5 Effect of the Online Game Shutdown System on Adolescents' Sleep Time in Korea**

Oum Sewon - Hanjin Bae, Jaerim Lee

**P.6 How Korean Women Spend Their Time**

Yoonjung Lee

**P.7 Time for Social Interaction and Life Satisfaction - with Emphasis on Women in Dual - Income Family in Korea -**

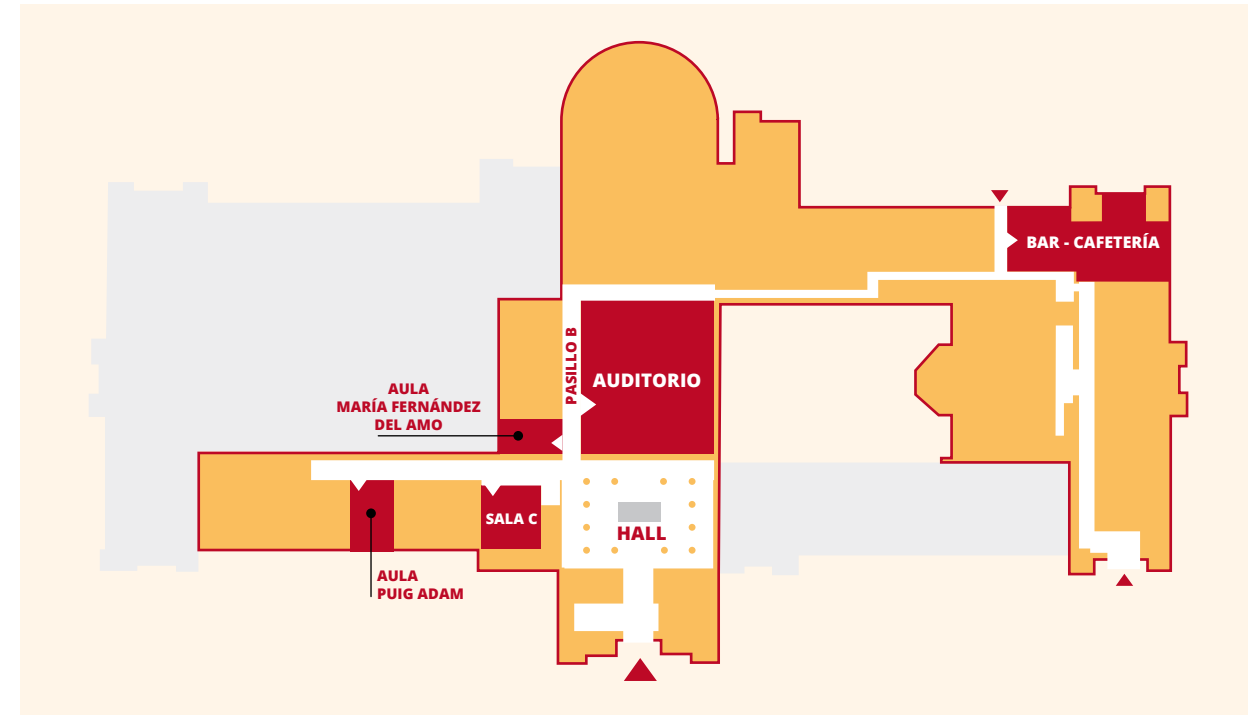
Eun-hye Kang

**P.8 The Multinational Time Use Study (MTUS)**

Margarita Vega Rapún

# LOCATION MAP

Escuela Técnica Superior de Ingenieros Industriales (ETSII)



**HALL**  
Registration

**AUDITORIO**  
Plenary sessions  
Parallel sessions

**AULA MARÍA FERNÁNDEZ DEL AMO**  
Parallel session

**SALA C**  
Parallel session

**AULA PUIG ADAM**  
Parallel session

**PASILLO B (AISLE B)**  
Poster session

**BAR - CAFETERÍA**  
Lunches

## Venue:

### **Escuela Técnica Superior de Ingenieros Industriales**

Calle: José Gutiérrez Abascal, 2, 28006 Madrid

Public Transport: Station "Gregorio Marañón" Line 7 / 10 (Orange / Dark blue colour) - Plus 5 minutes walk.

## Official languages

English.

## Congress Secretariat

The congress secretariat will be located in the Hall main lobby.

## Registration desk

The registration desk is located in the Hall main lobby and will be open during all the conference.

## Badges

A personal badge will be handed together with the congress package and the tickets for the Leisure Programme. Badges and tickets must be worn at all time, in order to gain access to the sessions, breaks, lunches and social activities

## Guidelines for oral and Poster Presentations

### Oral Presentations:

Please note that 20 minutes is reserved for the presentation and 5-10 minutes for the comments.

Kindly bring your material in Power Point (ppt) or in pdf format (PC, Windows, Microsoft Office ) on a USB stick to the room where your presentation takes place, for downloading it on the computer, on the break before your session. There will be an assistant in all sessions rooms to help you with downloading. To avoid any technical problems, please note that we do not recommend using your own computer.

### Poster Presentation:

On Wednesday 19th July, you may hang your poster already in the morning. The poster session is scheduled to begin on Wednesday evening at 16:30 and is also open during get together, which will be held at the same premises.

The poster panels will be located along the corridor B in front of the Auditorio Room. Kindly be present by your poster during the poster session

The size of the poster board is 90 cm (width) x 120cm (height)

Pins will be provided at the poster area. Your poster number will be printed in the programme, which you will receive upon your arrival to the conference.

The poster should be on display during all the conference.



## GENERAL INFORMATION

### Wi-Fi



#### InvitadosUPM

Usuario: **time.use@invitadosupm**

Contraseña: **res17**

### Coffe breaks and luncheon

Daily lunch and coffee are included in the conference fee.

Coffee breaks will be served at main lobby Sala Maquina of the Escuela Técnica Superior de Ingenieros Industriales, according to the programmed schedule.

### Welcome Cocktail

The welcome cocktail will take place on 19th July, at 17,30 h. at the main lobby Sala Maquina of the Escuela Técnica Superior de Ingenieros Industriales.



## LEISURE PROGRAMME

### MADRID TOUR

**Madrid Walking Tour (aprox. 2 hours)**

**Wednesday 19th July**

**19,00 h. Departure Bus from the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

**21,00 h. Return to the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

Our visit to Madrid will start from the Escuela, which allows us to cross several neighborhoods of our city until we reach the parking of the Royal Palace. The walking tour from there will allow us to explore, squares and narrow streets, "las cavas" full of history and gastronomy.

### GALA DINNER

**Thursday 20th July**

**19,30 h. Bus departure from the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

**20,00h. Gala Dinner**

**22,00 h. Aprox. Return to the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

Dress code: Bussines Casual

### The Financial Club

The Financial Club Genoa was established on February 15, 1972 as a civil association, not for profit. It is governed by its statutes, Organic Law 1/2002 of Association Law and other applicable legal provisions.

The Club Financiero Génova is one of the most accredited clubs and best facilities in Spain with a large brand implementation in the business and business world.

Located in the center of the financial, cultural and artistic district of Madrid, it is a symbol and meeting point of the business, financial and political sector of Spain.

It has 8 conference rooms and has a magnificent restaurant on the 14th floor of the Club from which you can appreciate a spectacular view of the capital of 360 degrees. In addition, there is a summer terrace, squash court, gym and spa.

The Club has established different correspondence alliances with more than 60 exclusive clubs spread across the world from Tokyo to Paris. Access to the club is done in two ways, individually or at the corporate level.

## GENERAL INFORMATION

### BERNABEU TOUR

**Fryday 21st July**

**18,00 h. Entrance Torre B. Paseo de la Castellana**

As you already have the tickets there is no need to go the ticket office. You can access the Tour directly at Torre B (Tower B).

You can gain entry until 19:00. One hour and a half after access to the tour ends (8:30pm is when the visit would end).

The Stadium Santiago Bernabéu was inaugurated on 14 December 1947 and is owned by Real Madrid C.F. It has a current capacity of 80.354 spectators all seated.

El Bernabéu re-named in honour of its former president Santiago Bernabéu is one of the world's most famous and prestigious football venues. It has hosted the European Cup final on three occasions, years 1957, 1969 and 1980. UEFA Champions League final in 2010. The finals for the 1964 European Nation's cup and the 1982 World cup.

The Tour lasts approximately an hour and a half

The Route Includes

- Panoramic view of the Stadium
- Best Club In History' Room
- Sensations Room
- Photomontages
- Pitch
- Presidential Box
- Real Madrid Dressing Room
- Tunnel, Dugouts and Technical Area
- Press Room
- Official Store



### TOLEDO TOUR

**Tour to Toledo (Full day: aprox. 8 hours)**

**Saturday 22nd July**

**09,00 h. Departure Bus from the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

**17,00 h. Return to the Venue (Escuela Técnica Superior de Ingenieros Industriales)**

Upon arrival we start with a Panoramic view of the town from the hills in front of the city. Stop for pictures.

Then we will continue with a walking tour of Toledo, entering to the old quarters to visit the Plaza del Ayuntamiento, and admire the facade of the impressive Primate Cathedral, the old Palace of Justice and the City Hall. We'll continue our walk through the old Jewish quarter with its narrow streets to visit the Church of St. Tomé, with the very famous painting of El Greco "The Burial of Count Orgaz", the old Synagogue of Ste. Maria la Blanca, which remain as a symbol of the coexistence of the "Three Cultures".

Lunch in the Restaurant "Hacienda El Cardenal" • Duration aprox. 8 hours

**More information about Toledo:** <http://www.toledo-turismo.com/en>

## GENERAL INFORMATION

### MADRID AIRPORT – MADRID CITY CENTRE



#### By Taxi:

A taxi from the airport will be about 20 minutes depending on traffic volume. The following price includes airport supplement and is valid assuming there is no excess baggage (that all baggage fits inside the boot and interior of the taxi). - Taxi Fare: €30.00



#### By Metro:

From Terminal 4: Metro Line 8 (Pink colour) to Nuevos Ministerios. (Travelling from or to the Airport has a 3€ supplement).

From Terminal 2: Metro Line 8 (Pink colour) to Nuevos Ministerios. (Travelling from or to the Airport has a 3€ supplement)

Shuttle Buses: They connect the 4 terminals. These buses are free, run every 5 minutes the whole route takes around 20 minutes.



#### By Bus:

Number 203 (Line Express) to "Atocha station"

### MADRID PUBLIC TRANSPORT INFORMATION



- Public Transport: Please visit [www.crtm.es](http://www.crtm.es)
- Metro: Please visit [www.metromadrid.es](http://www.metromadrid.es)
- Bus: Please visit [www.emtmadrid.es](http://www.emtmadrid.es)

Metro and Bus Fares. The fares from January 1st. of 2016 are as follows:

Ticket	Euros
Bus ticket – Metro ticket	1.50
10 Trip Ticket "Metrobus"	Euros
Bus ticket – Metro ticket	12.20
Tickets From/To The Airport	Euros
Single Ticket Metro + Extra charge	4.50 - 5
Airport Surcharge Ticket	3.00

"Metrobús" Travel card valid for both the underground and buses. It can be purchased at underground stations and kiosks.

### OTHER NEEDS

#### Weather

July is the hottest month of all summer. The days are long. The Average temperatures in July are around 30° C with maximum temperatures of 35° C and drops several degrees at night. Rain is not common in summer. The weather in July is very hot.

#### Time Zone

The time in Spain is GMT+2 hours.

#### Currency

The national currency is the Euro.

#### Credit and debit cards

Most Credit card and debit cards are commonly accepted.

#### Electricity

Electrical voltage is 220V-50HZ. Plugs for electrical appliances continental european standard, Type F

#### Emergencies

National Emergency Hotline 112

National Police 091

Municipal Police 092

To report a crime 902 102 112 / 91 548 85 37 (Service for Foreign Tourists)

## GENERAL INFORMATION

### ABOUT MADRID

As it is known today the Autonomous Region of Madrid is a result of its rich historical legacy marked by the print of its people and the events that it has known along its history.

It is hard to refer to Madrid before the Muslim period even though many Roman and Prehistoric remains have been found.

In the year 1202 Madrid obtained its jurisdiction, but it was not until 1561 when Philip II changed the Imperial Court from Toledo to Madrid, that it became the capital of Spain.

Madrid experienced its greatest transformations during the reign of Charles III. Nowadays the city of Madrid, as well as its Autonomous Region named after it, presents a cosmopolitan air, in addition to Madrid's already famous character as an open city to visitors and immigrants.



### WHAT TO SEE IN MADRID

#### Madrid of the Bourbons

The Royal Palace, San Fernando Academy of Fine Arts or the Prado Museum, are just a few examples of the artistic and monumental heritage bequeathed by the Bourbons.

#### Plaza Mayor

Plaza Mayor, inaugurated by Phillip III in 1620, is in the heart of "Madrid of the Hapsburgs". Cattle and handicraft markets, religious, processions, popular street fairs and even bullfights were all held there. It still hosts all kinds of entertainment activities and festivities.

#### The Art Walk

Madrid's art itinerary is known as the "Art Walk", made up of three museums: the Prado, the Thyssen-Bornemisza, and Reina Sofia National Art Centre. Situated near one another in one of the most beautiful areas of Madrid, in the vicinity of Atocha Station, the Botanical Gardens, Paseo del Prado, and Plaza de Neptuno. A little further away lie Plaza de la Cibeles and Puerta de Alcalá, probably two of Madrid's most emblematic monuments.

#### The Rastro

It is an outdoor market that takes place on Sunday mornings. You can discover antiques, furniture, gift shops, fashion stores, and other many colourful things.

#### Royal Theatre

Teatro Real stands at one end of Plaza de Oriente, opposite the Royal Palace, and today is the symbol of Madrid's inexhaustible offer of shows.

#### The Retiro

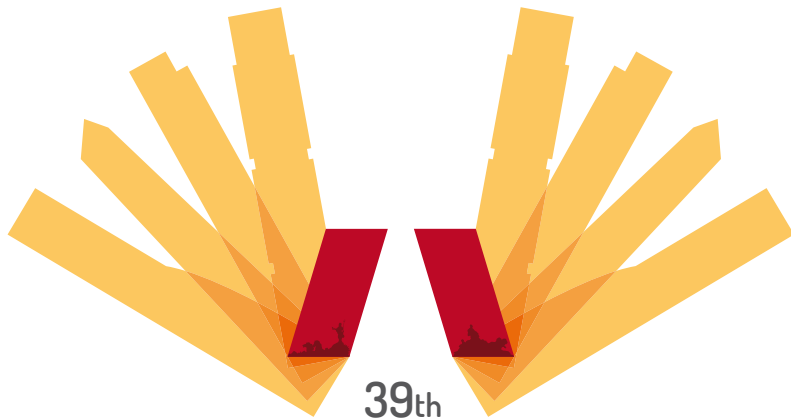
The most famous park in the city is the Retiro, full of avenues with statues, small palaces and lakes. It was a royal residence built during the time of Philip IV for the monarch's relaxation.

#### Royal Palace

It was built by Juan Bautista Sachetti, and the decoration includes decoration by famous artists, such as Tiepolo, Mengs or Gasparini. The Royal Palace was built around a large central courtyard, with three floors and four mezzanines, plus a balustrade with statues depicting all the monarchs of Spain. At present the palace is a rich museum open to the public and houses paintings, tapestries, furniture and objects of great interest.

#### The 'Tapas'

One of Madrid's main attractions is its great number of bars and taverns where you are able to relax after a busy day, enjoying a glass of wine or a beer accompanied by a tasty 'tapa'. "Tapeo" has existed as a pleasant and healthy custom in Spain since the 13th century, when the Castilian King Alphonse X ("the Wise") forced bartenders to serve something to eat when customers ordered wine in order to prevent the harmful effects of alcohol on an empty stomach. Today tapas are small snacks between meals, though on many occasions tapas can substitute meals.



**39<sup>th</sup>**  
**International Association  
for Time Use Research Conference**

MADRID 2017