



**Italian Health Economics Association (AIES)**

**22nd Annual Conference**

*DEMOGRAPHIC AND EPIDEMIOLOGICAL TRENDS: IMPLICATIONS FOR HEALTH ECONOMICS AND  
MANAGEMENT*

**Department of Economics and Management, University of Pavia**

**5-6 October 2017**

**[Thursday, October 5<sup>th</sup>](#)**

**9:00 – 10:00– Registration and Welcome Coffee**

**[10:00 - 10:30 – Opening Ceremony \(Aula Foscolo\)](#)**

WELCOME

CHANCELLOR OF THE *UNIVERSITY OF PAVIA*

HEAD OF THE DEPARTMENT OF ECONOMICS AND MANAGEMENT, UNIVERSITY OF PAVIA

PRESIDENT OF THE ITALIAN ASSOCIATION OF HEALTH ECONOMICS

## **10.30 – 12:00 – Sessions**

### **Session I – Quality and Efficiency of Healthcare Services (English)**

*Chair:* Elenka Brenna

- [1] **A. Riganti** “Cost-Containment Policies in Healthcare Sector: the example of ESTAV in Tuscany”;
- [2] M.C. Demartini, I. Springhetti, **V. Beretta** “Professionals’ empowerment and patients’ outcomes: An empirical analysis of their relation in a condition of organizational change in the Italian healthcare context”;
- [3] G. Cinelli, **G. Fattore**, S. Robone “A micro-data analysis of patients' mobility in the Italian NHS”;
- [4] **E. Brenna** “Healthcare tax credits: financial help to taxpayers or support to higher income and better educated patients? Evidence from Italy”.

### **Session II – Health Technology Assessment I (English)**

*Chair:* Elena Pizzo

- [5] **R. Longo** “The cost-effectiveness of interventions to prevent falls and fall-related fractures in community-dwelling older adults. A within-trial analysis for Pre-FIT (Prevention of Falls Injury Trial)”;
- [6] **S. Rossi** “CNAO: a project of High Technology, Health and Research in Italy”;
- [7] **M. Merzaglia** “The use of intensive radiological assessments in routine surveillance after treatment for head and neck cancer: an economic evaluation”;
- [8] **E. Pizzo**, S. Morris, F. Causin “Cost-utility analysis of mechanical thrombectomy compared to intravenous tissue-type plasminogen activator in acute ischemic stroke in Italy”.

### **Session III – Macroeconomic Shocks on Health Outcomes (English)**

*Chair:* Vincenzo Atella

- [9] **A. Aparicio Fenoll**, L. González Luna “Political Instability and Birth Outcomes: Evidence from the 23F Military Coup in Spain”
- [10] **L. Rocco**, L. Simonato, L. Cestari, A. Crema “The effect of job loss on pharmaceutical prescriptions”;
- [11] V. Atella , F. Belotti, J. Kopisnska **A. Palma**, A. Piano Mortari “Economic crisis, mortality and health status. A causal analysis”;
- [12] V. Atella, E. Di Porto, **J. Kopinska** “The heterogenous pathways of WWII stress transmission: evidence from a natural experiment”.

### **Session IV – Demand for Health and Healthcare (English)**

*Chair:* Giacomo Pasini

- [13] M. Lippi Bruni , C. Ugolini , **R. Verzulli** “Estimating the elasticity of demand to waiting times: Evidence from a panel data analysis”;

- [14] **M. Santagata**, E.Ivaldi “Gender Differences in health among Italian regions”;
- [15] R. Levaggi G. Martini **D. Spinelli** “How does different treatments affect patient choice and hospital competition? Evidence from Lombardy”;
- [16] **M. Genie**, A. Nicolò, G. Pasini “Eliciting Patients' Preferences in Kidney Transplantation: A Discrete Choice Experiment”.

### **12: 00 – 12.15 – COFFEE BREAK**

#### **12:15 – 13:15 – Plenary Session**

**Keynote Speakers** Professor David Stuckler , Oxford University and Bocconi University.

### **13:15 – 14:00 – LUNCH**

### **14:00 – 15:30 – Sessions**

#### **Session V- Aging, Retirement and Health (English)**

*Chair:* Vincenzo Rebba

- [17] C. Ardito, R.Leombruni , D.Blane, **A. d’Errico** “To work or not to work? The effect of higher pension age on cardiovascular health”;
- [18] E. Caroli , C.Lucifora, **D.Vigani** “Is there a Retirement-Health Care utilization puzzle? Evidence from SHARE data in Europe”;
- [19] **E. Lucchese** “How will aging stress emergency care performances?”;
- [20] **M. Celidoni**, V.Rebba “Retirement and Healthy Eating”.

#### **Session VI – Healthcare Resource Allocation (English)**

*Chair:* Stefano Calciolari

- [21] **M.G. Rizzo** “The role of value congruence and managerial job engagement in the budgetary participation- performance link: evidence from a general Italian hospital”;
- [22] A. Ancarani, C. Di Mauro, **M.D. Giammanco**, G. Giammanco “Work Engagement in Public Hospitals: a Social Exchange Approach”;
- [23] **V. Morando**, V.Tozzi, G. Pacileo “COPD management: a multi-centre piloting project for applying population health management tools”;
- [24] **S. Calciolari**, L. González Ortiz “Do global budgets make a difference? Results from a longitudinal analysis of a funding system change and culture in Swiss nursing homes”.

## **Session VII –Child Health (English)**

*Chair:* Marcello Montefiori

- [25] **A. Palma**, Petrunyk, D. Vuri “Air pollution during pregnancy and birth outcomes in Italy”;  
[26] **E. Pizzo**, G. Conti, M. Melnychuk, S. Morris “The long-term economic consequences of child maltreatment in the UK”;  
[27] **C. Guerriero C.**, J. Cairns, Diaz-Ordaz K.; K. Brown, J. Ashworth, J. Wray, N. Abrines Jaume; M. Abbiss “Using animation to report children’s health: a randomized cross-over trial”;  
[28] **M. Montefiori**, E. di Bella, L. Leporatti, P. Petralia “Overcrowding and triage effectiveness a study of Gaslini Children Hospital”;

## **Session VIII – Panel Session- Dati amministrativi in sanità: opportunità, limiti e prospettive future per gli studi di valutazione economica (Italian)**

*Chair:* Rosanna Tarricone

- [29] **E. Pagano** “Dati correnti in sanità: come possono contribuire alla valutazione dei costi assistenziali?”  
[30] **S. Francisci** “Valutazione dei costi in oncologia tramite registri tumori a livello di popolazione e database amministrativi”;  
[31] **F. Ieva** “L’utilizzo di grandi database amministrativi per modellare le malattie croniche”.

## **15:30 – 16:00 – Coffee Break**

## **16:00– 17:30 – Sessions and Posters**

## **Session IX – Elderly Population Health (English).**

*Chair:* Enrica Croda

- [32] V. Atella, F. Belotti, B. Blaylock, A. D’Addio, D. G.M. Lis, J. Oderkirk, **A. Piano Mortari**, B. Tysinger “Introducing the OECD-Schaeffer-CEIS Future Elderly Model (Global FEM)”;  
[33] **A. Srakar**, V. Prevolnik Rupel “Multiple chronic conditions in older people and their effects on health care utilization: a network analysis approach using SHARE data”;  
[34] **V. Atella**, F. Belottix, J. Kopisniskax, A. Palmaz, A. Piano Mortari “Forecasting European elderly population health status. An investigation using a dynamic microsimulation model.”  
[35] **Enrica Croda** “Chronic Pain in the European Elderly Population”.

## **Session X — Inequality in Health and Health Variables (English)**

*Chair:* Matteo Migheli

- [36] **P. Brunori**, C. F. Guidi “Health Inequality of Opportunity in Europe”;  
[37] **D. De Matteis** “Vertical equity in health care financing Italian regions”;

- [38] L. Tavares, **F. Zantomio** “Inequity in healthcare use among older people after 2008: The case of Southern European Countries”;
- [39] C. Di Novi, R. Jacobs, **M. Migheli** “Smoking Inequality across Genders and Social Classes. Evidence from Longitudinal Italian Data”.

### **Session XI – Household Economics, Family and Health (English)**

*Chair:* Vincenzo Carrieri

- [40] **F. Barigozzi**, H. Cremery, K. Roederz “Caregivers in the family: daughters, sons and social norms”;
- [41] M. Avendano, L. F. Berkman, A. Brugiavini, **G. Pasini**, “Leave policies and stress at maternity”;
- [42] **M. K. Agarwal** “Household Amenities, Health Infrastructure and the Recent Health Policy in India”;
- [43] **V. Carrieri**, A. Jones “Intergenerational transmission of nicotine within families: have e-cigarettes had an impact”.

### **Session XII – Pharmaceuticals and Medical Device (English and Italian)**

*Chair:* Claudio Jommi

- [44] **G. Callea**, M.C. Cavallo, R. Tarricone “Assessment of new Medical Devices with administrative databases: the need for traceability”;
- [45] **P. Pertile**, M. Forster, S. Gamba “Strategic Interaction in Pharmaceutical Price Regulation and Innovation”;
- [46] **A. Marcellusi**, F.S. Mennini A. Giunta, A. Gasbarrini, G. Valesini, P. L. Canonico, E. Novellino, A. Mecozzi, T. Gamucci, E. Di Brino, M. Ruggeri, A. Cicchetti “Impatto economico dei biosimilari in Italia: una analisi di scenario”;
- [47] **C. Jommi**, M. Otto “Effects of a regulatory switch from Prescription-only to OTC drugs on costs using a societal perspective.

### **Session XIII – Health Economics and Law (English and Italian)**

*Chair:* Alceste Santuari

- [48] **A. Ricci**, F. Amatucci “Gli impatti della normativa anticorruzione nelle aziende sanitarie pubbliche: attività, protagonisti, impatti percepiti, prospettive”;
- [49] **M. Cavazza**, M. Del Vecchio, V. Rappini “Uno studio comparato delle assicurazioni sanitarie volontarie in Europa: innovazioni ed evoluzioni nell’ambito dei sistemi sanitari”;
- [50] P. Previtali, **A. Santuari** “The anticorruption models adopted by the Italian local health authorities: tools to strengthen the patients’ right to health. A law&economics approach”.

**17:30 – 18:30 – Plenary Session (Aula Foscolo)**

**General Assembly of AIES Members**

## **20:30 – Conference Social Event\***

Bardelli Restaurant  
Via Lungoticino Visconti, 2  
27100 Pavia (PV)

\*Meeting point at 18.30 - University of Pavia, Aula Foscolo for a tour of Pavia that will end at Ristorante Bardelli at 20:30.

## **Friday, October 6<sup>th</sup>**

### **9:00 -10:30 – Sessions and Posters**

#### **Session XIV – Quality and Efficiency of Healthcare Services II (English)**

*Chair:* Simone Ghislandi

- [51] M. Cavalieri, P. Di Caro, **C. Guccio**, D. Lisi “Does neighbour’s grass matter? Exploring spatial dependent heterogeneity in technical efficiency of Italian hospitals”;
- [52] C. Guccio, **M. Martorana**, G. Pignataro “Hospitals’ effectiveness-efficiency trade-off and spatial spillovers: an assessment using generalized directional distance function”;
- [53] **A. T. Renner**, S. Ghislandi “A spatial panel data analysis of the socioeconomic gradient of avoidable hospitalisations in Austria”;
- [54] **S. Ghislandi**, M. Kuhn “Market access regulation: what for? Asymmetric information in the regulation of the access to markets”.

#### **Session XV– Il costo economico e sociale delle malattie (Italian)**

*Chair:* Aleksandra Torbica

- [55] **S. Russo**, R. Migliorini, M. Trabucco Aurilio, F.S. Mennini “Malattie cronico-degenerative e previdenza sociale: un’analisi economica e demografica sulle prestazioni per l’invalidità”;
- [56] **D. D’Angela**, R. De Luca, F. Ficari, A. Gasbarrini, Marco Montorsi, F. Spandonaro “Impatto economico dell’immunonutrizione nei pazienti chirurgici oncologici”;
- [57] De Bartolomeis A., **Polistena B.**, Ploner E., Spandonaro F. “Analisi di budget impact del trattamento della schizofrenia”.
- [58] **G. L. Colombo**, S. Di Matteo, C. Martinotti, M. Oselin, M. C. Valentino, G. M. Bruno “La celiachia in Italia: costo della malattia e impatto economico dei sistemi di assistenza sanitaria a tutela del paziente celiaco”.

## **Session XVI – Modelli di valutazione dei servizi socio-sanitari (Italian)**

*Chair:* Alberto Franci

[59]G. Fosti, F. Longo, E. Notarnicola, **A.Pirazzoli**, A. Rotolo “Assistenza sanitaria e sociosanitaria per gli anziani: quali modalità di ricorso ai servizi?”;

[60]**E. Ivaldi**, C. Bruzzi “La misurazione della deprivazione materiale e sociale a differenti livelli di aggregazione territoriale attraverso l’utilizzo di un indicatore non compensativo”;

[61] **T. Damiani** “Il valore economico di una struttura residenziale per pazienti del dipartimento di salute mentale. Esperienza presso la Comunità socio educativa riabilitativa di Force e presso la residenza protetta "Don Rino Vallorani" di Comunanza, Ambito territoriale sociale XXIV della Regione Marche”;

[62] A. I. Dormio, **P. Renzi**, A. Franci “Modelli di valutazione della performance nei servizi socio-sanitari”.

## **Session XVII – Population Health Management (Italian)**

*Chair:* Valeria Tozzi

[63]**A. Furnari**, F. Lecci, E.Barzan, F. Petracca “Caratteristiche della domanda e profili di offerta delle prestazioni sanitarie per soggetti in fascia pediatrica: quali le attuali specificità e i potenziali scenari futuri?”;

[64] **P. Sciattella** , F.S. Mennini “Burden economico delle infezioni ospedaliere: tre differenti approcci di stima basati su real world data”;

[65]**A. Furnari**, F. Longo, C. Rognoni, A. Rotolo “Quali possibilità per una ricomposizione tra spesa sanitaria pubblica e privata: il caso dei dispositivi per incontinenza urinaria”;

[66]**E. Barzan**, F. Longo, F.Petracca, V.Tozzi “Evoluzione del modello lombardo per la presa in carico dei pazienti cronici: sfide nell’implementazione e possibili scenari future”.

## **10:30 – 11:00 – COFFEE BREAK**

### **11:00– 12:00 – Plenary Session**

**Keynote Speakers : Professor Thomas D’Aunno.** NYU’s Robert F. Wagner Graduate School of Public Service and NYU College of Global Public Health.

## **12:00 – 13:30 – Sessions**

### **Session XVIII – Economic Evaluation of Chronic Illness (English)**

*Chair:* Lara Gitto

- [67] **F.S Mennini**, G.Fabiano G, A. Marcellusi, C. Pinto “Human Papilloma Virus in Italy: cost of Illness and potential savings due to HPV9 primary prevention”;
- [68] **S. Coretti**, G. Izzo, A.Cicchetti “The Social cost of major depression“;
- [69] **O. Ciani**, S. Walker, F. Warren, N.Smart, M.Piepoli, T. Eames, S. R.Taylor “Individual participant data meta-analyses as a methodological tool in healthcare research: an application to chronic heart failure”;
- [70] E. Brenna, **L. Gitto** “Chronic Fatigue Syndrome(CFS/ME): a case study within the European project COST ACTION EUROMENE”.

### **Session XIV Health Technology Assessment II– (English)**

*Chair:* Francesco Longo

- [71] **C. Rognoni**, R. Tarricone “Budget impact analysis in abdominal wall surgery: the case of biosynthetic meshes”;
- [72] S. Russo, **S. Landi**, P. Landa “Economic evaluation of Platelet-Rich-Plasma versus Hyaluronic acid for the intra-articular treatment of knee OA in in four western countries”;
- [73] **R.Viti**, A. Marcellusi, Andreoni, Sarmati, F.S, Mennini “Economic Evaluation for the treatment of Acute Bacterial Skin and Skin Structure Infections (ABSSSI) from Italian National Health Service: an early discharge approach with dalbavancin”;
- [74] F.S. Mennini, **C. Bini**, A. Marcellusi, E. Franco “Quadrivalent influenza vaccine in Italy: a cost-utility analysis on population at risk

### **Session XX – Comparative Analysis of Population Health and Health Systems (English)**

*Chair:* Lorenzo Rocco

- [75] J. Bhattacharya, **G. Marini** “Is the European refugee crisis a public health crisis? An application to Italian data”;
- [76] **A.Torbica**, C. Makwero, M. De Allegri ”Estimating the costs of Performance-Based-Financing interventions in low and middle income countries: novel evidence from Malawi”
- [77] E. Kuruczleki, **A. Pelle** “The health status landscape of EU member states and its relations to economic performance and competitiveness”;
- [78] **J. Escarce**, L. Rocco “Immigration and the Health of Natives in 12 Western European Countries”.

### **Session XXI – Healthcare Management and Organization (English)**

*Chair:* Matteo Ruggeri

- [79] S. Bruzzi, **P. Landa**, E. Tanfani, A. Testi “Towards integrated healthcare systems: Modeling organizational changes inside hospital”;



[80] V.**Morando**, V.Tozzi., G.Pacileo “Integrated Clinical Pathways and managed care for complex chronic conditions: the case of Multiple Sclerosis management at the Local Health Authority of Parma”;

[81]C. **Demartini**, G. Bassani “Change and performance management systems effectiveness. Evidence from Italian hospitals”;

[82] **M.Ruggeri**, S. Coretti, C.Drago, V. Moramarco “How well do health professionals play in their roles”.

### **13:30 – 14:30 - Lunch**

#### **14.30 – 16:00 – Round Table (Aula Foscolo): “Trend demografici ed epidemiologici: implicazioni di policy e management”.**

##### **Participants:**

**Tito Boeri** (President of the Italian Social Security administration (INPS) – invited;

**Giuseppe Costa** (Dipartimento di Scienze Cliniche e Biologiche, Università di Torino);

**Margherita Giannoni** (Dipartimento di Economia, Università di Perugia);

**Cristiano Gori** (Dipartimento di Sociologia e Ricerca Sociale, Università di Trento e Network Non Autosufficienza);

**Luca Merlini** (Osservatorio Epidemiologico Regionale, Direzione Welfare, Regione Lombardia);

**Gabriele Pelissero** (Dipartimento di Sanità Pubblica, Medicina Sperimentale e Forense , Università degli Studi di Pavia).

#### **16:00 – 17:00 – Plenary Session (Aula Foscolo)**

- **AIES Young Researchers Award Ceremony;**
- **Fondazione Farmafactoring Award Ceremony;**
- **Closing Ceremony.**

### **Suggested time schedule**

Three paper sessions: 20 mins presentation; 8 mins discussion. Four paper sessions: 17 mins presentation; 5 mins discussion.

Other information regarding the Conference will be published on the AIES website: <http://www.aiesweb>.

## **SCIENTIFIC COMMITTEE**

**Alberto Cavaliere**

(Department of Economics and Management, University of Pavia)

**Stefano Calciolari**

(Faculty of Economics, Università della Svizzera Italiana)

**Cinzia Di Novi**

(Department of Economics and Management, University of Pavia)

**Valeria Tozzi**

(Centre for Research on Health and Social Care Management, Bocconi University)

## **ORGANIZATION COMMITTEE**

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## **LOCATION**

Università degli Studi di Pavia Strada Nuova, 65, Pavia 27100

## **SUPPORTED BY**

Department of Economics and Management, University of Pavia; Parco Tecnico Scientifico University of Pavia, IRCCS Policlinico S. Matteo, Pavia; Associazione Alunni Unipv.