

# hSNS Workshop 2021 Program

February 26, 2021 – Online

<b>Time</b>	<b>Topic</b>	<b>Notes</b>
09:00 – 09:15	Opening Session Chairs: José Rui Figueira	
09:15 – 10:55	Session 1 – <i>hSNS: Portuguese public hospital performance assessment using a multi-criteria decision analysis framework</i> Chair: Isabel Pedro	Miguel Pereira, Duarte Dinis, Diogo Cunha Ferreira, Inês Vieira
10:55 – 11:10	Coffee Break	
11:10 – 12:50	Session 2 – <i>A multi-perspective look at the healthcare sector</i> Chair: Teresa Cardoso Grilo	Carla Henriques, Ines Dammak, Ana Sara Costa, Teresa Cardoso Grilo
12:50 – 14:15	Lunch	
14:15 – 15:30	Session 3 – <i>OR innovation applied to healthcare</i> Chair: Salvatore Greco	Ana Camanho, Sérgio Santos, Salvatore Greco
15:30 – 16:30	Keynote Speaker – Greg Zaric <i>Incentives and Coordination in Healthcare</i> Chair: Ana Camanho	
16:30 – 16:45	Coffee Break	
16:45 – 17:45	Keynote Speaker – Vedat Verter <i>Improving access to care: Take-aways from two case studies</i> Chair: Diogo Cunha Ferreira	
17:45 – 18:00	Closing Session Chairs: Diogo Cunha Ferreira	

**Session 1 – hSNS: Portuguese public hospital performance assessment using a multi-criteria decision analysis framework**

**Chair: Isabel Pedro**

<b>Time</b>	<b>Presentation</b>
09:15 – 09:35 09:35 – 09:40 (Q&A)	Pereira, M. A., Marques, R. C., Figueira, J. R., <i>Sunshine regulation of the Portuguese public hospitals using multi-criteria decision analysis: A proposal</i> <b>Speaker:</b> Miguel Pereira
09:40 – 10:00 10:00 – 10:05 (Q&A)	Dinis, D. C., Pereira, M. A., Ferreira, D. C., Figueira, J. R., <i>A network Data Envelopment Analysis to estimate nations' efficiency on the fight against SARS-CoV-2</i> <b>Speaker:</b> Duarte Dinis
10:05 – 10:25 10:25 – 10:30 (Q&A)	Ferreira, D. C., Grazielle, I., Marques, R. C., Gonçalves, J., <i>Investment in sanitation and drinking water infrastructure and its impact on waterborne diseases dissemination: The Brazilian case</i> <b>Speaker:</b> Diogo Cunha Ferreira
10:30 – 10:50 10:50 – 10:55 (Q&A)	Vieira, I. C., Ferreira, D. C., Pedro, M. I., <i>Satisfaction of healthcare consumers: Analysis and comparison of different methodologies</i> <b>Speaker:</b> Inês Vieira

**Session 2 – A multi-perspective look at the healthcare sector**

**Chair: Teresa Cardoso Grilo**

<b>Time</b>	<b>Presentation</b>
11:10 – 11:30 11:30 – 11:35 (Q&A)	Henriques, C., Gouveia, M. C., Cruz, R. A., <i>Assessing the impact of COVID-19 on the efficiency of state-owned hospitals</i> <b>Speaker:</b> Carla Henriques
11:35 – 11:55 11:55 – 12:00 (Q&A)	Dammak, I., Boujelben, M. A., Renaud, J., <i>A multicriteria analysis for non-pharmacological therapies of Alzheimer disease</i> <b>Speaker:</b> Ines Dammak
12:00 – 12:20 12:20 – 12:25 (Q&A)	Rocha, A., Costa, A. S., Figueira, J. R., Ferreira, D. C., Marques, R. C., <i>Quality assessment of the Portuguese public hospitals using a multiple criteria decision aiding approach</i> <b>Speaker:</b> Ana Sara Costa
12:25 – 12:45 12:45 – 12:50 (Q&A)	Lourenço, M., Cardoso-Grilo, T., Figueira, J. R., <i>Planning the delivery of Home Social Care Services: A Multi-Objective Mathematical Programming-Based Approach</i> <b>Speaker:</b> Teresa Cardoso Grilo

<b>Session 3 – OR innovation applied to healthcare</b> <b>Chair: Salvatore Greco</b>	
<b>Time</b>	<b>Presentation</b>
14:15 – 14:35 14:35 – 14:40 (Q&A)	Pereira, M. A., Camanho, A. S., Marques, R. C., Figueira, J. R., <i>A range directional composite indicator with preference incorporation: Two perspectives on the Portuguese public hospitals</i> <b>Speaker:</b> Ana Camanho
14:40 – 15:00 15:00 – 15:05 (Q&A)	Capeletti, N., Amado, C., Santos, S., <i>Measuring efficiency and effectiveness changes in Brazilian primary care services</i> <b>Speaker:</b> Nuno Capeletti
15:05 – 15:25 15:25 – 15:30 (Q&A)	Figueira, J. R., Greco, S., <i>Evaluation of healthcare systems with non-compensatory composite indicator: applying ELECTRE-Score method to Healthcare Access and Quality assessment</i> <b>Speaker:</b> Salvatore Greco

## Scientific Committee

Ana Camanho – Universidade do Porto, Portugal

Conceição Silva – Universidade Católica Portuguesa, Portugal

Luís Dias – Universidade de Coimbra, Portugal

Salvatore Greco – Università degli studi di Catania, Italy and University of Portsmouth, United Kingdom

Sérgio Santos – Universidade do Algarve, Portugal

## Special Issue

Authors of selected abstracts will be invited to submit their studies for publication in a Special Issue of the *Socio-Economic Planning Sciences* journal, entitled “**Methods and techniques for assessment of health care performance**” and guest-edited by Diogo Cunha Ferreira (diogo.cunha.ferreira@tecnico.ulisboa.pt), Ana Camanho (acamanho@fe.up.pt), and José Rui Figueira (figueira@tecnico.ulisboa.pt).