



IV Global Entrepreneurship  
University Metrics Workshop

february, 24-26  
2021

# IV GEUM

**Panel: Changes in the evaluation of academic activity in Brazil and its impact on society – perspectives and challenges**

Abstract: This panel aims to discuss changes in the evaluation methodology of postgraduate courses at Brazilian universities used by the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES).

**Panelists:**

- **Edgar Mamiya, Professor Titular, Universidade de Brasília (UNB), Coordenador de Engenharia III, CAPES**
- **Ary Plonski, Professor Titular, Universidade São Paulo, Representante na Comissão de Mudança de Avaliação da pós-graduação na Capes**

**Moderator: Evelyn Goyannes Dill Orrico, Professora Associada, Pró-Reitoria de Pós-Graduação, Pesquisa e Inovação da Universidade Federal do Estado do Rio de Janeiro**



**Edgar Mamiya** graduated in Mechanical Engineering in 1978 from the São Carlos School of Engineering of the University of São Paulo, EESC-USP, and received his PhD in Mechanical Engineering in 1987 from the Pontifical Catholic University of Rio de Janeiro, PUC-Rio. He is Full Professor at the Department of Mechanical Engineering of the University of Brasília, UnB, and served UnB as its Vice-President from 2005 to 2008. He is recipient of the CNPq Senior Research grant. His areas of interest include Multiaxial Fatigue and Nonlinear Behavior of Metals. He has contributed to the Brazilian Association of Mechanical Sciences and Engineering, ABCM, as member of its Deliberative Council since 1999, and as member of the Technical Committee of Solid Mechanics since 2015. He acted as Associate Editor of the Journal of the Brazilian Society of Mechanical Science and Engineering from 2000 to 2005. Currently, he is serving as Accreditation and Evaluation Coordinator at the Brazilian Coordination for the Improvement of Higher Education Personnel, CAPES, in the areas of Mechanical, Industrial, Aerospace, Ocean and Naval Engineering.

**Title: Transitioning the assessment of the Brazilian postgraduate engineering programs to a multidimensional approach**

**Abstract:** The lecture describes the guidelines for the assessment of the postgraduate programs in Aerospace, Mechanical, Industrial, Naval and Ocean Engineering by the Brazilian Coordination for the Improvement of Higher Education Personnel, CAPES. Over the past forty years, the comparative evaluation of the postgraduate programs has played a key role in promoting progress in both productivity and impact of the research (mostly) developed in the Brazilian universities. The analysis of the outcomes of the postgraduate programs, in the period from 2017 to 2020, is transitioning to a multidimensional approach, where innovation, knowledge transfer and impact on the society have been added to the classical model focused on the quantity of research publications and on the corresponding citation impact. Internationalization has turned into a key aspect of the assessment model, and an analysis of how the alumni perform professionally in the academy or in the industry was included. The new assessment approach gives a higher priority to outcomes over processes and focuses on the best results rather than on the total research outputs.



**Guilherme Ary Plonski** – Full Professor at the University of São Paulo (USP). He is currently the Director of the Institute for Advanced Studies, Research Director of the Center for Technology Policy and Management, and Deputy Coordinator of the Center for Innovation at USP. He was a Fulbright Scholar at RPI, CEO of the São Paulo State Institute for Technological Research, and President of the Brazilian Association of Incubators, Science Parks and Accelerators. He is a member of the State of São Paulo Academy of Sciences Board, and of the Technion - Israel Institute of Technology Board of Governors. He coordinates the University-Based Institutes for Advanced Study international network.

**Title: Graduate Studies in the time of University Entrepreneurship**

**Abstract:** The presentation aims at encouraging a dialogue about the perspectives and challenges of the academic activities in Brazil and its effect on society at large, by focusing on four connected topics: (i) research universities in the time of entrepreneurship; (ii) expectations and prospects for entrepreneurship in graduate studies; (iii) assessing innovation and entrepreneurship in graduate studies, Brazil 2011-2020; and (iv) a proposal to improve the evaluation of graduate studies in Brazil.



**Evelyn Goyannes Dill Orrico** - M.D. (1978), D.Sc. Associate Professor, Provost for Graduate Studies, Research and Innovation at Federal University of the State of Rio de Janeiro,