



SIPS 2024

SCIENTIFIC CURRICULUM VITAE

Sergio Neves Monteiro

Brazilian, born June 1943, married, two children

1. Academic Training

Education

- > Fundamental Studies
 - 1950 – 1952: Colégio Resende (private), Rio de Janeiro, Brazil
 - 1953 – 1954: Colégio México (public), Rio de Janeiro, Brazil
- > High School
 - 1955 – 1961: Colégio Santo Inácio (private), Rio de Janeiro, Brazil
- > Undergraduate Studies
 - 1962 – 1966: Metallurgy Engineering, Escola de Engenharia (EE), Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro, Brazil
 - 1969 – 1972: Doctor of Philosophy (PhD) in Materials Science and Engineering, University of Florida, Gainesville, USA
- > Extension Studies
 - 1975: Alternative Energies, Brazilian War College, Rio de Janeiro
 - 1976: Materials Profungs Anstalt, Stuttgart, Germany

2. Professorships

1964 – 1966: Research and Teaching Assistant, Metallurgical Physical Chemistry, EE/ UFRJ
1968 – 1975: Assistant Professor, Metallurgical Engineering Department (DEMET/ EE/ UFRJ),
and Coordination of Engineering Graduate Programs (COPPE) of UFRJ
1975 – 1993: Full Professor, DEMET/ EE/ UFRJ, until official retirement
1994 – 2012: Full Professor and Head of Laboratory for Advanced Materials (LAMAV), State
University of Northern Rio de Janeiro, (UENF), Campos dos Goytacazes, until
compulsory age retirement
2012 – present: Invited Full Professor, Materials Science and Engineering Section (SE8),
Military Institute of Engineering (IME), Rio de Janeiro
2020: Emeritus Professor, UENF, granted by the Foundation

3. Academic and Scientific Directorships

1980 – 1982: Head Metallurgical Engineering Department DEMET/ EE/ UFRJ, Rio de Janeiro
1982 – 1984: Director of COPPE/ UFRJ, Rio de Janeiro

1985 – 1986: Under-Rector of Research and Graduate Courses of the UFRJ, Rio de Janeiro

1986 – 1987: Under-Secretary for Higher Education of the Country Ministry of Education.
Brasilia

1988 – 1989: Coordinator of one branch of World Bank's science and technology program in
Brazil

1990 – 1991: Vice-Secretary of Science of the State of Rio de Janeiro. Government

1993 – 1994: Head of LAMAV/ UENF, Campos dos Goytacazes

1995 – 2012: Vice-Rector of Research and Graduate Studies of UENF, Campos dos
Goytacazes

2010 – present: Consultant of Materials Science and Engineering Area of the Foundation for
Research Support in the State of Rio de Janeiro (FAPERJ)

4. Advisory Boards and Administration

2013: President of the Board of Directors FAPERJ, Rio de Janeiro

2017 – 2018: Chairman of the Board and President of the Brazilian Society of Metallurgy,
Materials and Mining (ABM), São Paulo

5. Editorship of International Scientific Journals

2012 – present: Executive editor of the Journal of Materials Research and Technology (JMRT),
a joint Elsevier – ABM publication

2006 – present: Member of the Board of Review of Metallurgical and Materials Transactions

6. Honors and Distinctions

- 1988: Honor Dedication to the Coordination of Graduate Engineering Programs, COPPE/ UFRJ, Rio de Janeiro, Brazil
- 2010: Appreciation Distinction for Coordination of TMS-ABM International Materials Congress, San Diego, USA
- 2012: Scientific and Academic Distinction, State University of the Northern Rio de Janeiro, UENF, Campos dos Goytacazes, Brazil
- 2019: Scientific Honor, Department of Science and Technology, DCT, Brazil Army
- 2020: Emeritus Professor of the State of Rio de Janeiro, FAPERJ
- 2020: Brazilian Army Medal
- 2022: Emeritus Professor of the Military Institute of Engineering, IME, Rio de Janeiro
- 2023: Scientific Honor, Brazilian Army Agency of Innovation and Technology, AGITEC

7. Main Scientific Research Areas

(see <http://lattes.cnpq.br/2962183322412029>)

Monteiro's research corresponds to:

- 790 original research articles published in peer reviewed Brazilian and International Journals
- 1204 complete articles published in Proceedings of Brazilian and International Congress and Conferences
- 199 Chapters of Brazilian and International Books

- 14 International Books as one of the editors
- 179 Deposited Patents
- 70 Master of Science Theses
- 45 PhD Dissertations

Scopus H-index of 55 with more than 12,000 citations