

Stan Constantin Stelian is Full Professor at the Materials Science and Engineering Faculty from University Politehnica of Bucharest, Romania.

In 2019 he sustained the Habilitation Thesis on "The role of thermal/dimensional analysis in quality control of gray and ductile iron castings solidification".

He leads a research group working on advanced methods for materials, processing and characterization and he coordinates two research laboratories.

Major research areas: Lamellar, Nodular, Compacted/Vermicular Graphite Irons, processing and complex characterization; Cast Iron Matrix Composites; New modifying techniques for cast irons; Cupola and electric furnaces operations and recycling materials

His research activities are also presented in over 60 papers indexed in Web of Science Clarivate Analytics (WOS cumulative impact factor as main author is >40, h index is 12 (Wos), 12 (Scopus), 17 (GoogleScholar), 15 books and book chapters and more 40 research projects.

He received more than 20 awards for his contribution in science for published papers, presentations (international awards: BEST PAPER AWARD-63rd World Foundry Congress, 1998 - BEST PAPER AWARD-106th AFS Casting Congress, SUA 2002 - BEST PAPER AWARD-122th AFS Casting Congress, SUA 2019).

He constantly supervises a large team of PhD, MSc and BSc students.