



Structural Integrity Assessments of Nuclear Plant Components: Standard and Advanced Methodologies

November 21, 2017, 9 am - 12 pm

Auditório do Depto. de Engenharia Metalúrgica e de Materiais (PMT)

Av. Prof. Mello Moraes, 2463, São Paulo, SP

Escola Politécnica - USP

9 am – 9.15 am

Prof. Claudio Ruggieri

(University of Sao Paulo)

Welcome and introduction

9.15 am – 9.40 am

Prof. Andrey P. Jivkov

(University of Manchester)

Manchester in the UK Nuclear Research Landscape

9.40 am – 10.10 am

CF (EN) Rodney A. Busquim e Silva

(CTMSP – Brazilian Navy)

PNM: The Brazilian Nuclear Program

Coffee Break

10.30 am – 10.50 am

Prof. Andrey P. Jivkov

(University of Manchester)

Structural Integrity Assessment in the UK Nuclear Industry

10:50 am – 11.20 am

Prof. Claudio Ruggieri

(University of São Paulo)

Advanced Methodologies for Structural Integrity Assessments

11.20 am – 11.40 am

Prof. Diego F. B. Sarzosa

(University of São Paulo)

Micromechanics Modeling of Ductile Crack Growth in Integrity Assessments

11.40 am – 12.00 am

Dr. Rodolfo F. Souza

(University of São Paulo)

Computational Modeling of Cracked Components for Fracture Analysis

Adjourn