



Workshop on

# Simulation of Complex Processes in Porous Media

IMPA, Rio de Janeiro, Brazil  
September 25-26, 2015

We hereby certify that, ***Amaury Alvarez Cruz***, **IMPA - Pós-Doutorando**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

Rio de Janeiro, September 26, 2015.

A handwritten signature in blue ink, appearing to read "Alexei", with a long, sweeping flourish extending to the right.

Alexei Mailybaev  
Organizing Committee

CERTIFICATE



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We hereby certify that, **Americo Barbosa da Cunha Junior, Universidade do Estado do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Ana Lúcia Paula dos Santos, Universidade Federal Fluminense**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

Rio de Janeiro, September 26, 2015.

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We hereby certify that, ***Carolina Palma Naveira Cotta***, **Engenharia Mecânica**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Christopher P. Tostado***, **Universidade Federal do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Duilio Tadeu da Conceição Junior***, **Universidade Federal Rural do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Fabio Pereira dos Santos, Universidade Federal do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Fernando Francisco Miranda Correa de Guama***, **Engenharia Mecânica**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Guilherme Tegoni Goedert**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Ismael de Souza Ledoino***, **Universidade Federal Rural do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Lucas Claudino de Souza**, **Universidade Federal Rural do Rio de Janeiro**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Luis Fernando Lozano G.**, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Marcio Rentes Borges**, **Laboratório Nacional de Computação Científica**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Max Akira Endo Kokubun, IMPA - Pós-Doutorando**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Moritz Reintjes, IMPA - Pós-Doutorando de Excelência**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Olivier Fudym***, **CNRS**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Pablo Javier Antuna Benitez***, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Pedro Henrique Borges de melo***, Instituto Nacional de Matemática Pura e Aplicada, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, **Rafael Zambrano López**, Instituto Alberto Luiz Coimbra de Pós-Graduação e Pesquisa de Engenharia, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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We hereby certify that, ***Tarcisio Praciano Pereira***, **Universidade Estadual do Vale do Acarau**, participated in the Workshop on Simulation of Complex Processes in Porous Media, held at Instituto Nacional de Matemática Pura e Aplicada – IMPA, Rio de Janeiro, from September 25 to 26, 2015.

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