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5. “Concrete at high temperatures” MACSI-net final meeting, Brussels, DG12, May 18, 2004.
27. “Concrete at high temperatures”, seminar, CEA, Saclay, France. March 29, 2006.
35. “Problemi pluridisciplinari nell’ ingegneria”, opening lecture, 2\textsuperscript{nd} annual meeting of the Italian Academy of Sciences (detta dei XL), Lecce, October 3, 2006.
37. “Gekoppelte Mehrfeldprobleme und ihre numerische Lösung”, lectio doctoralis, Leibnitz University, Hanover, November 30, 2006.
41. “Hydraulic fracturing”, seminar, the University of Nagoya, February 2\textsuperscript{nd}, 2007.
42. “Superconducting cable modelling” (with D.P. Boso), Cadarache, ITER meeting, February 22, 2007.


55. “Stress measures in partially saturated porous media mechanics” seminar (with W. Gray, and F. Pesavento), Chuo University, Tokyo, November 29, 2007.


64. “Coupled problems in environmental engineering and in nuclear fusion technology”, invited lecture, EC-ECCOMAS Delegation meeting, DG-12, Bruxelles, December 18, 2008.


75. “Artificial Neural Networks to Model the Non-linear Behaviour of Hierarchical Composites” (with D.P. Boso, M.J. Lefik), COMPLAS X, X International Conference on Computational Plasticity, Barcelona, September 2-4, 2009.
78. “A Thermodynamically Consistent Multiscale and Multyphysics Model for Concrete and its Offsprings for Industry” (with F. Pesavento, and D. Gawin), Seminar, Eindhoven University of Technology, October 6, 2009.
87. “Multi-physics modelling of porous media”, seminar, Department of NanoMedicine and BioMedical Engineering (nBME), Health Science Center at Houston, The University of Texas, March 19, 2010.
88. “Artificial Neural Networks for Modeling of Material Behaviour”, Seminar Department of NanoMedicine and BioMedical Engineering (nBME), Health Science Center at Houston, The University of Texas, March 31, 2010.
97. “Capillary effects in hydrocarbon exploitation and CO$_2$ injection”, seminar, Department of Civil and Environmental Engineering, University of New South Wales, Sydney, August 5, 2010.
105. “Steps towards a real time solution of fire in tunnels”, Seminar, Faculty of Civil Engineering, Architecture and Environmental Engineering, Technological University of Lodz, May 14, 2011.
108. “Concrete at early ages and structural repair”, Seminar, Bauhaus Summer School on Simulation and Model Validation, Weimar, August 16, 2011.


132.“A multiphase model for the prediction of tumor growth: a step towards drug delivery simulation” plenary lecture, Int. CAE Conference, Pacengo del Garda, October 21, 2013.
133.“A multiphase model for tumor growth: interaction between tumor and host cells” (with G. Sciumè), lecture, Vinci II Workshop on Multiphysics Modelling of Concrete and Heterogeneous Materials, ENS Cachan, October 25, 2013.
134.“Modeling of interaction phenomena in tumor growth”, President’s Distinguished Lecture Series in Engineering, Science and Medicine-2013, Texas Tech University, Lubbock, November 18, 2013.
135.“Hydraulic fracture modeling and its peculiarities”, Seminar, Cullen College of Engineering, Department of Civil and Environmental Engineering, University of Houston, November 26, 2013.
136.“Modeling tumor growth with multiphase porous media mechanics” Seminar, SISSA Trieste, February 5, 2014.
140.“Multi-field and multi-scale problems in engineering” seminar, Ecole Nationale Superieure des Travaux Publics, Youndé, Cameroon, July 11, 2014.
143."Tip advancement and pressure distribution in hydraulic fracturing"seminar, SISSA, Trieste, September 23, 2014
144."Interaction between crack tip advancement velocity and fluid velocity in fracturing saturated porous media" seminar, University of Trento, December 16, 2014
146."Hydraulic fracture”, lecture, Mumolade Winterschool, Marie Curie Training Network, Padua, January 20, 2015
147."Beyond geomaterials”, lecture, Mumolade Winterschool, Marie Curie Traning Network, Padua, January 20, 2015
148."The role of the extracellular matrix in tumor growth modeling”, seminar, Cullen College of Engineering, Department of Civil and Environmental Engineering, University of Houston, February 11, 2015.
149."Modelling of fracturing in fluid saturated porous media”, President’s Distinguished Lecture Series in Engineering, Science and Medicine-2015, Department of Mechanical Engineering, Texas Tech University, Lubbock, February 23, 2015.
152. “Meso- and macro-mechanical analysis of fracturing fluid saturated porous media”, seminar, Cullen College of Engineering, Department of Civil and Environmental Engineering, University of Houston, November 5, 2015.
159. “Shear and mixed mode fracture in disordered saturated porous media” (with E. Milanese, Y. Okan, and J.F. Molinari), lecture, XXIV ICTAM, August 25, 2016, Montreal, Canada.
165. “Recent advances in tumor growth and drug delivery modeling”, Seminar, Ferrari Group Meeting, Houston Methodist Research Institute, Houston, April 12, 2017.
169. “Presentation of the University of Padua”, Seminar, University Duy Tan, Da Nang, Vietnam, July 31, 2017.


177. “An enhanced four or five phases model for tumor growth and drug delivery” Seminar, Ferrari Grants Meeting, Houston Methodist Research Institute, Houston, March 22, 2018.


188. “In favor of complexity in modeling” lecture, International Symposium on Geomechanics and Applications for Sustainable Development, Sustainable Industrial Processing Summit SIPS, Paphos, Cyprus, October 24, 2019