Geochemistry and Geophysics of Active Volcanic Lakes
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Dedication: Professor Bruno Capaccioni

On the 8 September 2016, our friend and colleague Bruno Capaccioni was involved in a fatal car accident as he was returning home from a field trip.

Bruno was born on the 25 August 1959 at San Sepolcro, Arezzo, central Italy and graduated from the University of Florence with a ‘cum laude’ Honours Degree in Geological Sciences in 1984. He was initially appointed a lecturer in 1988 at the University of Urbino and later became Associate Professor there. From 2005 onwards, Bruno served the ‘Alma Mater’ University of Bologna where he taught several courses in geochemistry. In 2013, he became Full Professor, achieving complete recognition from the Italian academic community for his scientific work.

He was an eclectic researcher and had many scientific interests and was involved in many activities. Geology was his passion and this is the reason why he was an outstanding researcher and teacher. During his scientific career he operated mostly in the field of fluid geochemistry from volcanic and geothermal areas and focused particularly on the origin of hydrocarbons. Bruno was a curios and rigorous scientist and wrote a large number of scientific articles in esteemed international journals. Field volcanology, volcanic monitoring, radon environmental hazards, sea water intrusion into coastal underground fresh waters, biomineralization in marine environments and soil heating phenomena in the areas affected by the 2012 disastrous seismic events in Emilia-Romagna, Italy provide just a few examples of his scientific interests. His thought and reasoning affected and inspired numerous geoscientists and several of our joint papers were based on some of his ideas.

Bruno was engaged in numerous international and national collaborations. He was involved in many projects and operated in many countries worldwide: from central and southern America to Africa and Asia. Bruno was the treasure of the Italian Association of Volcanology (IAV) but, most importantly, because he enjoyed teaching he was one of the organizers of many IAV schools and workshops. In Bruno, young graduate and PhD students found not only a teacher but also a generous ‘maestro’.
Bruno was also co-editor of *Acta Vulcanologica* for 14 years and during this time he edited several volumes.

Bruno Capaccioni was our special friend with whom we spent many days discussing a single diagram or conversing in front of a fumarole. He always created a friendly atmosphere. We will miss the long phone calls we used to have almost every day. We will miss his baritone voice and his peculiar humour – both still in our minds. We find ourselves thinking about Bruno many times throughout the day but especially when climbing volcanoes or sampling fumaroles.

The scientific community has lost a great scientist and we have lost a friend. We will all miss him!

 Franco Tassi and Orlando Vaselli