

古陶瓷專家團隊成員

2. Philippe Colombar 教授（法國索邦大學物理系教授）

Philippe Colombar 教授于 1979 年获得法国皮埃尔与玛丽居里大学物理和化学双博士学位，2004 年担任法国皮埃尔与玛丽居里大学反应动力学实验室首席科学家，现任皮埃尔与玛丽居里大学纳米材料光谱学实验室领头人。

曾任多所大学访问学者，受聘于日本韩国等多家科研机构担任访问科学家。Philippe 教授目前为止发表学术论文 681 篇。Philippe Colombar 教授在 2017 年 12 月 6 日受到北京故宫的邀请讲学，题目：《早期法国软陶和中国釉上彩的原位拉曼颜料分析》《General Overview on the on-site analysis of Enameled Glass, Early French Soft-paste Porcelain and Raman study of Chinese cloisonné》Philippe 教授结合自身多年文物保护领域研究经验，将对文物的原位拉曼分析技术进行介绍。重点介绍最近在法国早期软陶制品和中国明清釉上彩颜料中的研究成果，探讨文物颜料的原产地分析，以及 Philippe 教授的试验团队开发出的一些独有的使用技巧。



After an MSc in Ceramics, Glass & Cement Engineering (ENSCI-Sèvres) in 1975 and a MSc in Solid State Physics in 1976,

Philippe Colombar obtained in 1979 the Ph.D. Hab. degree (Docteur es-Sciences Physiques) from the Université Pierre-et-Marie-Curie. He was one of the firsts in the world to develop Sol-Gel routes for advanced optoelectronic PLZT ceramics. He studied then superionic conductors' structure and ion mobility. From 1989 to 1993 he was in charge of the new projects at the Materials Department of ONERA, the French Establishment for Aerospace Research and Development (Materials for rockets and missiles, aircraft engines, Sol-Gel routes, ceramic- or polymer-matrix composites, fibres, nanoparticle-based microwave absorbing materials and

Functionally Graded composites...) and worked as Consultant at the French Establishment for Aerospace and Aeronautics (ONERA) for 10 further years. From 1994 to present, as CNRS Research Professor his research interests include Materials Science and Raman, IR and neutron spectroscopy (in situ analysis, fuel cells, electrolyzers, fibres/composites...). Attention is paid to the correlation between Raman parameters and mechanical and electrical (ionic, electronic) properties...as well to the identification of the technology used in ancient ceramics, glasses, paintings and buildings. Ph. Colomban published more than 500 peer-review papers and 10 patents, presented more than 100 invited talks. He is the Associated Editor of the Journal of Raman Spectroscopy and member of many Editorial Boards and CNRS Research Professor Emeritus at Sorbonne Université, Paris.