

ROUHET Clément

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Subject: Opportunities

February, the 27th 2024, at Le Grau du Roi

Dear Sir/Madam,

My decade-long experience encompasses research and development activities focusing on technical ceramics, including synthesis, characterization, and proposing innovative solutions. This expertise has been further honed during my tenure at CEA (French research center), where I led projects involving the synthesis of electrolytes via sol-gel route ($\text{ZrO}_2/\text{Y}_2\text{O}_3$, CeO_2) and the development of high-frequency transducers (PZT, PLZT). Additionally, my role as Head of the Engineering Office has equipped me with strong leadership and communication skills, essential for collaborating effectively with multi-functional teams, external vendors and customers.

At SEMCO TECHNOLOGIES, I have been instrumental in the development and characterization of technical ceramics, contributing to the design and fabrication of high-temperature electrostatic chucks for major Original Equipment Manufacturers (OEMs) in the microelectronics industry. My involvement in all stages of project lifecycle, from defining technical solutions to product characterization, has further enhanced my adaptability and autonomy.

With a master's degree in Materials Science, specializing in technical ceramics, I am well-equipped to meet the requirements of the position. I am particularly excited about the opportunity to work with a team of multi-functional partners to develop, test, and validate new material solutions. My strong analytical and problem-solving skills, coupled with my technical knowledge of glass, glass-ceramics, and structural ceramics, make me well-suited for this role.

I am looking forward to the opportunity to meet, I extend my highest regards.

Yours sincerely,

Clément ROUHET