

Report on travel grant no. 3889 of the Max Buchner Research Foundation

„ Mechanistic insights into CO₂ hydrogenation over α -MoC surfaces “

*The 18th International Congress on Catalysis in Lyon, France
(July 14 – 19, 2024)*

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I attended the 18th International Congress on Catalysis in Lyon, France, from July 14 to 19, 2024. The theme, “Roots and wings for a better world,” was reflected in the comprehensive scientific program, which featured eight plenary lectures, twenty-five keynote lectures, and over 30 scientific topics.

I had the pleasure of presenting my work in a poster format. In addition to several talks and posters exploring similar problems, I received engaging feedback during the poster session. My focus was on four key scientific topics: (i) computational approaches, (ii) catalysis at electrodes, (iii) valorization of C1 molecules, and (iv) CO₂ conversion. I also participated in lunch time workshop events focused on professional development. The “Tending to Our Roots” event was particularly insightful, highlighting the intersection of history, philosophy, and society with chemistry/catalysis in a novel manner.

Moreover, the conference presented valuable networking opportunities. As a result, I have ongoing discussions with a potential collaborator, and we plan to start small projects and seek future funding opportunities. Overall, my participation in this conference was both productive and impactful, leaving me inspired and energized.

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