

**Several Complex Variables  
(University of Vienna, Supervisor: B. Lamel)**

One thesis project a successful candidate could undertake is devoted to studying the regularity of CR maps between abstract CR manifolds. While the regularity theory of CR maps between integrable (or equivalently, embedded) CR manifolds is well-developed, few results are known for CR maps between abstract CR manifolds, and for the known results, it is doubtful that they are optimal. We expect that recent advances in studying regularity questions will also translate to further understanding of this fascinating area of research, which will likely incorporate geometric techniques, microlocal analysis, and PDE theory alike.

We are looking for a an independent-minded early-stage researcher to complete his PhD in the Complex Analysis group at the Faculty of Mathematics of the University of Vienna. Applications have to be sent via the Job Center of the University of Vienna at the [Reference number 10409](#). The deadline for application is **March 5, 2020**.