



University of Stuttgart
Germany



SPP 1929 – Seminar

12 November 2019, 5:00 p.m.

Universität Stuttgart
NWZ II, Room 2.136
Pfaffenwaldring 57, 70569 Stuttgart

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0087: The Rydberg Bond!

Rydberg atoms provide one of the most exquisite probes to interrogate quantum matter. A curious thing happens when a Rydberg atom becomes neighbor with one, two, three, ... ultracold ground state atom(s). Suddenly ultracold chemistry and many-body quantum physics enter the realm of reality. Much of the work on the realization of such exotic objects was performed in Stuttgart. Here, I will give an update on what has been achieved and perhaps what may lie ahead.