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Ferromagnetism out of charge fluctuation of strongly correlated electrons in κ -(BEDT-TTF)₂Hg(SCN)₂Br

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Rimma Lyubovskaya was born in the South of Russia just before the Second World War. She came to Moscow to pursue an undergraduate degree in chemistry at D. Mendeleev University of Chemical Technology . In the mid-60ies after the completion of her PhD in chemistry she started as a researcher at the Institute of Problems of Chemical Physics in Chernogolovka, focusing on the synthesis of organic low-dimensional molecular materials. Later she became a professor and a head of the laboratory working on synthesis of organic conductors based on tetratiafulvalenes. Always excited by new developments, she added fullerenes to her interests when they were discovered in the 1980ies. Over the last nearly 40 years, she and her lab we one of the leaders in the field of organic quantum materials, producing many new organic materials with superconducting and exotic magnetic properties. Her close colleagues were always impressed by her wisdom, strength, and kindness, in addition to her tremendous scientific contributions.