

MY COOPERATION WITH PROF. JAN STANKOWSKI

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When I started to work at Adam Mickiewicz University (1964) dr Jan Stankowski was a very busy man who devoted a lot of time and effort to the construction of the first Polish MASER (Fig. 1). At that time I have just started to work in his laboratory as a university assistant lecturer. In that period in our history, there was no sharp

distinction between the two institutions in Poznań, namely, the A. Mickiewicz University and the Polish Academy of Science. I was a budding researcher in Stankowski's research group assigned to work on a homemade EPR spectrometer.

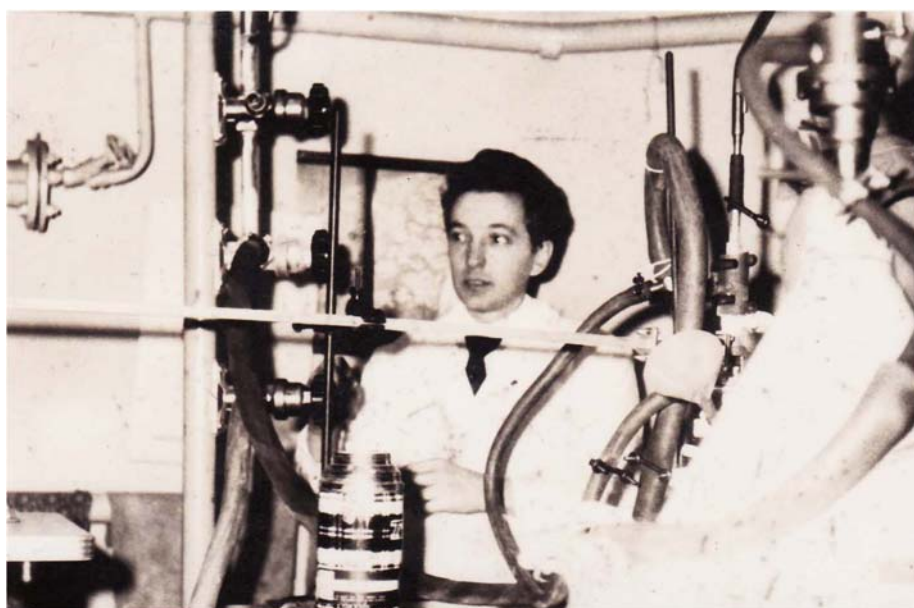


Fig. 1. Jan Stankowski at "play" with MASER "tune up".

In 1966 an Independent Laboratory of Radio-spectroscopy was organized as a part of Polish Academy of Science Institute, headed by dr Jan Stankowski. He has managed to equip that laboratory with a JEOL EPR Spectrometer (Fig. 2). About that time we have started

to study together the doped ferroelectrics like, e.g., TGS, KDP. We were lucky to discover soon the basics relationships between the bulk and local EPR parameters in ferroelectric materials.

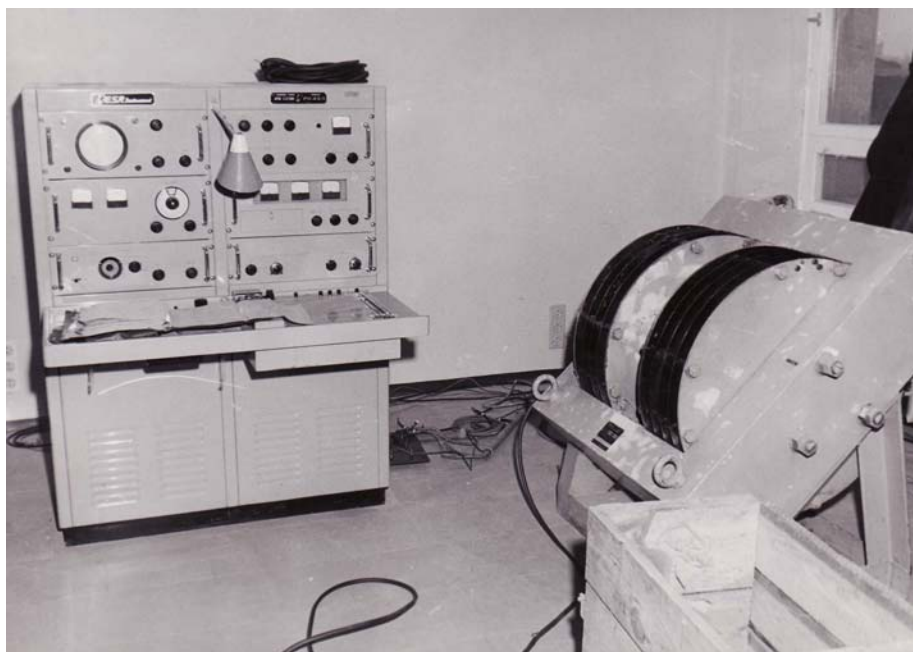


Fig. 2. JEOL EPR (x-band) spectrometer.

These studies, applied later for many other ferroics, have been extensively continued at the new Institute of Molecular Physics since the completion of the building

in 1975 (Fig. 3). Jan Stankowski, nominated as a Full Professor (*Professor Ordinarius*) in 1979, had been since then the head of the Institute for over ten years.



Fig. 3. Institute of Molecular Physics, Polish Academy of Science in Poznań, soon after construction was completed (1975).

In the late 1980's his research interests moved towards cryogenics and applications of EPR techniques to study the high temperature superconductors (HTS). He has created the Low Temperature Physics Laboratory in

Odolanów as a unit of the Institute of Molecular Physics. Another brain-child of Jan was the organization of a series of workshop for young students called "Summer with Helium" (Fig. 4).



Fig. 4. Participants at the Workshop "Summer with Helium", Odolanów, 1996.



Fig. 5. Prof. Stankowski at the RAMIS Conference, 2005.

In the Institute of Molecular Physics in Poznań, he had been the head of Superconductivity and Phase Transition Division until 1999. I have taken over the headship of this laboratory since 1999. Fortunately, our common research interests in ferroics and EPR techniques were progressive and a source of excitement for both of us for the whole period of our collaborative work. I have helped him also, as many others coworkers, in organizing the "RAMIS" conference since 1964 (Fig. 5). We all had worked with Jan with pleasure, since he was a charming and charismatic person.