

WP3: Enhancement of IFPAN human resources through recruitment of experienced researchers and trainings.

Task: 3.8 Recruitment of the experienced engineer specializing in the NMR spectrometers



Holds the position since September 10th 2013.

Piotr Oziębło

Field of expertise

Electronics , high frequency signals technique and metrology

Professional experience

Almost 30 years of professional experience as electronic engineer specializing in high frequency devices and tools.

Cofounder of the enterprise - Spineco S.C. Aparatura Elektroniczna (partnership)

Recent employments and positions:

Since 1991 - Spineco (co-owner) : designing and construction of high frequency measuring tools and laboratory devices (network analyzers - 3GHz, power amplifiers - 1GHz band, programmed signal generator, data acquisition systems)

1987-1991 - Magnetron Sp. Z o.o. and MBC Zakład Elektroniki Profesjonalnej (design engineer): - designing, construction and servicing equipment developed for research laboratories, including NMR and NQR laboratories.

Among his recent design projects the following have been acknowledged by the letters of the recommendation:

1. Construction of the programmed high frequency pulse generator equipped with the pulse power level measurement and stabilization functionalities, implemented in the generator "Krakowiak" of the Cyclotron AIC -144 - project carried out for The Henryk Niewodniczański Institute of Nuclear Physics, Cyclotron Department AIC-144 in Krakow.
2. Design and construction of the frequency synthesizer 40-55 MHz range, implemented in the r.f. generator of the proton cyclotron C-30 - project carried out for National Center for Nuclear Research (former Institute of Nuclear Problems) in Świerk.
3. Design and construction of high frequency measuring systems operating in the frequency range 2-2400 MHz - project carried for AMS Company of Television Electronics in Piaseczno.
4. Design and construction of the vector network analyzers for 3GHz frequency range - project carried out for RATEL Spółka Cywilna (partnership) in Warszawa

The activities of the service engineer for NMR spectrometers have been defined along two axes: (i) day to day service of the NMR spectrometers (ii) design of new components aiming at the improvement of spectrometers' sensitivity and reliability of their performance