

## **How to write scientific papers and prepare PhD thesis**

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The seminar is aimed at discussing the different ways of presentation of results of investigations to scientific community. The discussion of final, partial or even preliminary results with other specialists in the field is one of most important thing in reaching the right solution of the analyzed problem.

Presently, scientists may communicate through different channels, like seminars, conferences, international congresses, aside from writing papers to scientific journals. There are well defined rules which such communications should fulfill, i.e. they should be divided to parts which enable easier understanding of their content. Additionally, each part should include strictly pre-defined information. However, all these possibilities require significantly or at least slightly different approach.

The presentation of results should be clear and as short as possible but simultaneously properly backed with experimental data. The overview of the field justifying both the start of experiment and publishing its results is one of most important thing. The discussion of results needs its verification in papers listed in overview. All this should be well balanced to make a good paper. The specified above concept of sharing results was elaborated to help to understand each other results. Of course, these rules might be changed in some special case, but such situation should be well documented and explained.

Therefore, the present seminar will explain the most important points which should be considered, while writing abstracts, extended abstracts, short communications, and full length papers. Finally, the proper arrangement of Ph. D thesis, i.e. presentation based on only most important results form a study including a four of five years will be proposed.