



IAEA

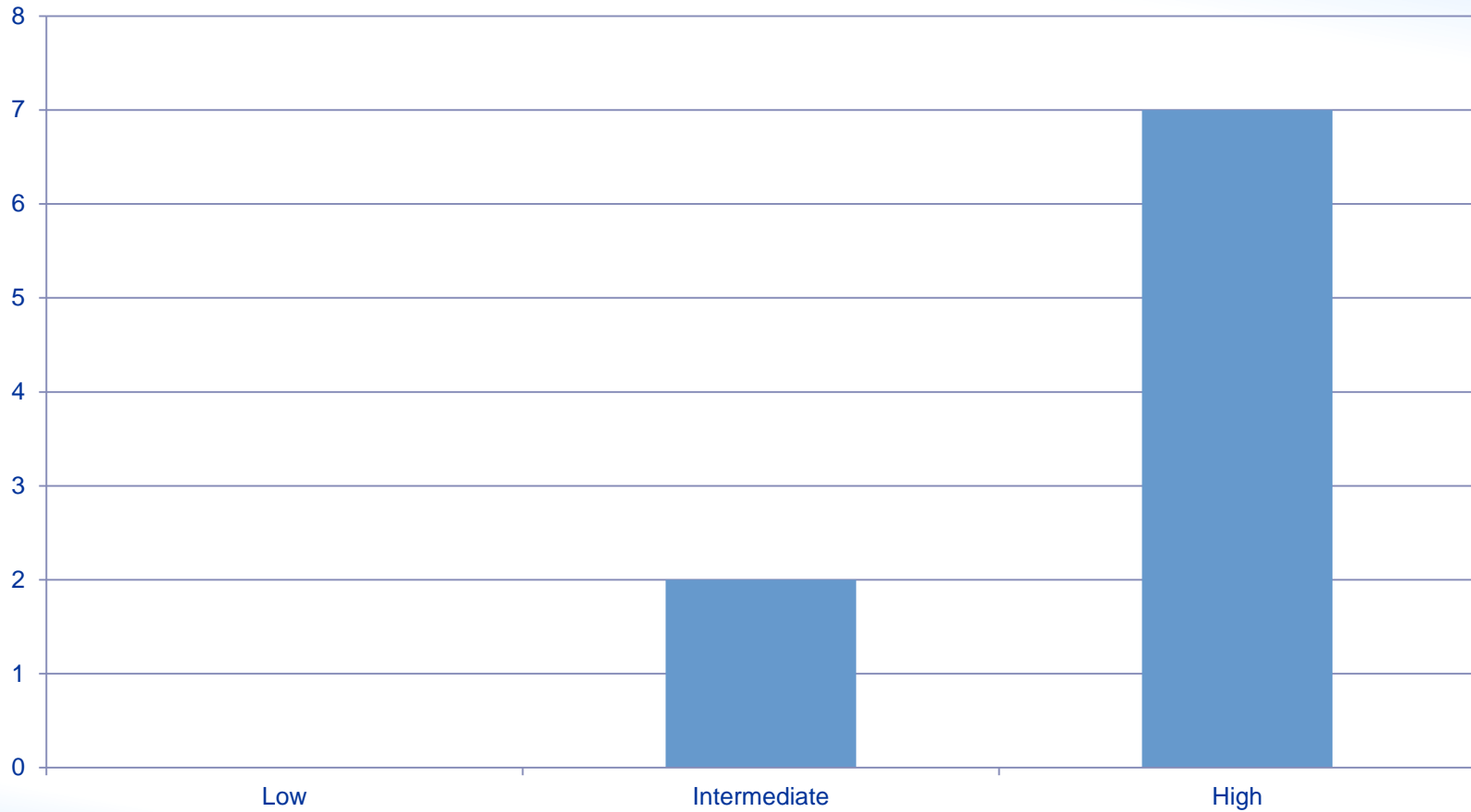
60 Years

Atoms for Peace and Development

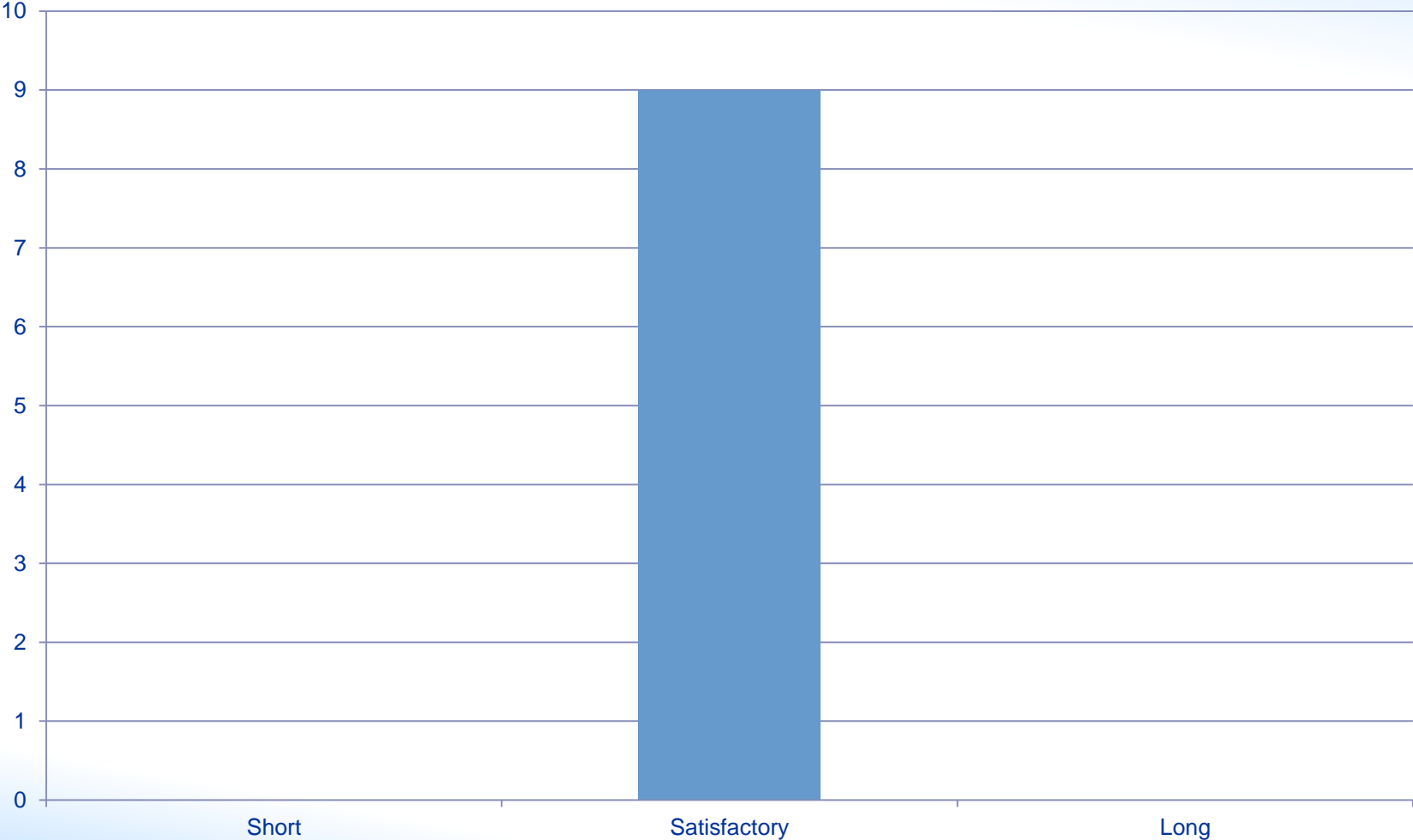
Questionnaire

**ICTP-IAEA Workshop on Nuclear Structure and
Decay Data: Experiment, Theory and Evaluation**
22 August – 2 Sept. 2016

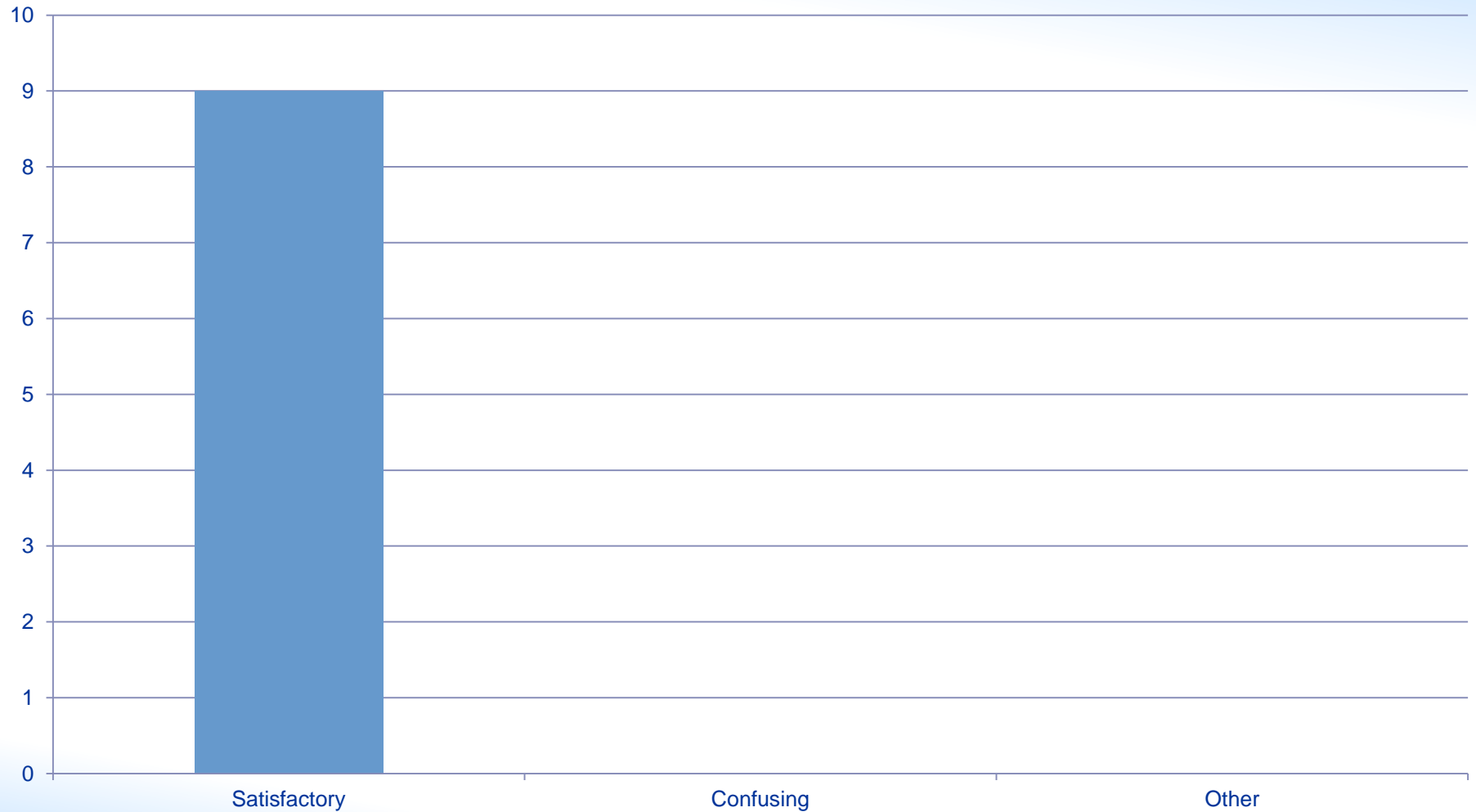
The overlap of workshop topics with your research activities was:



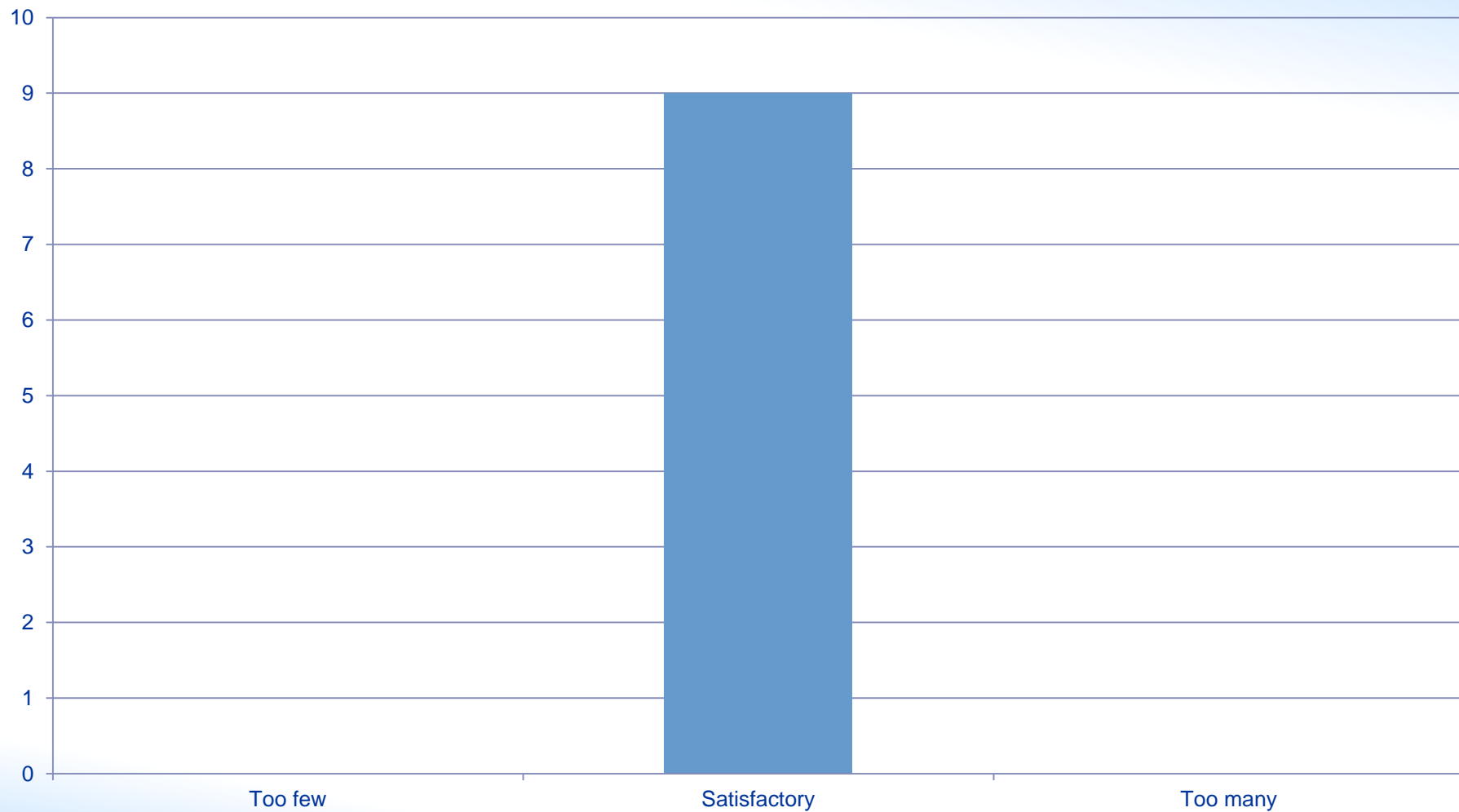
The duration of the workshop was:



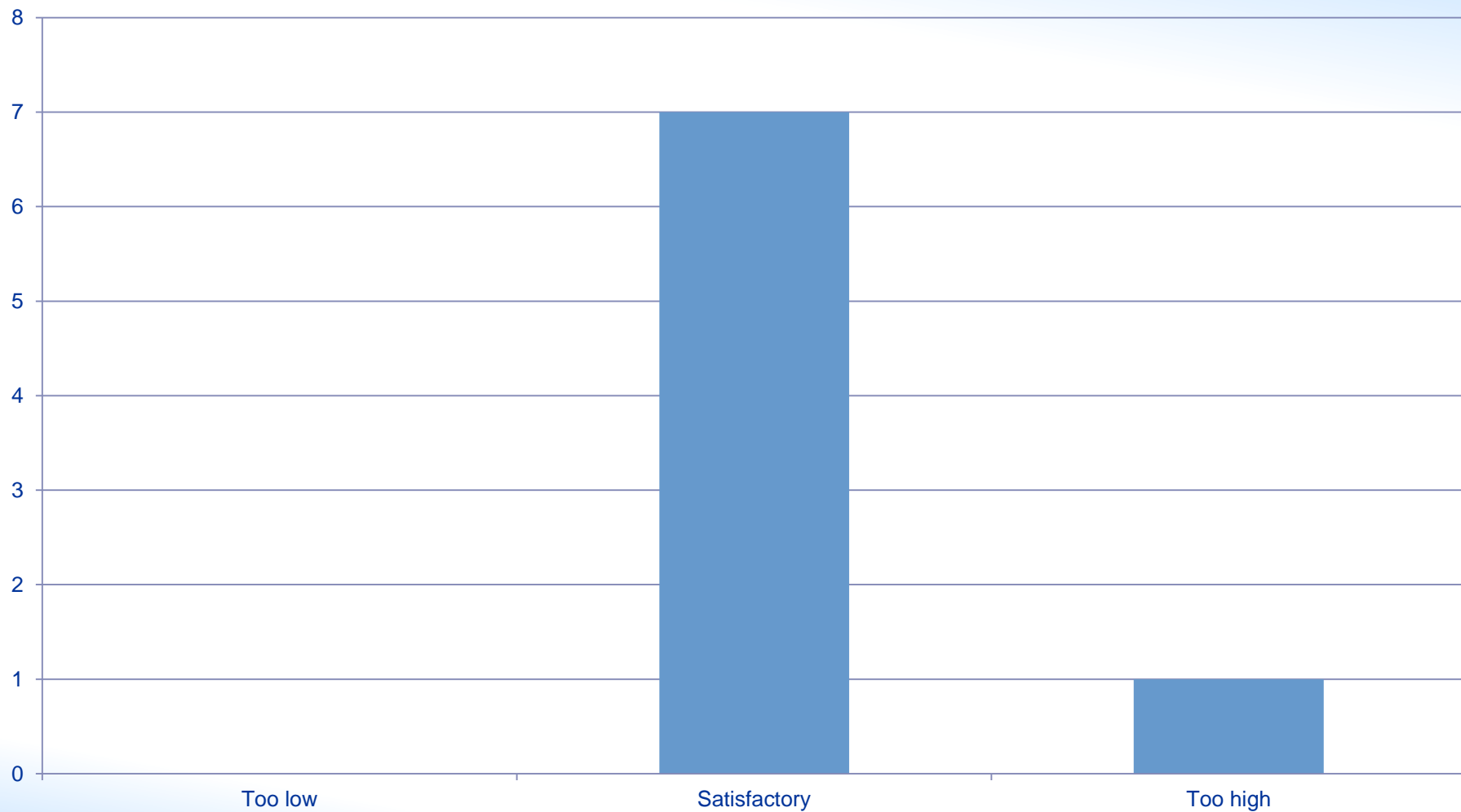
Format of the workshop with morning lectures and afternoon exercises was:



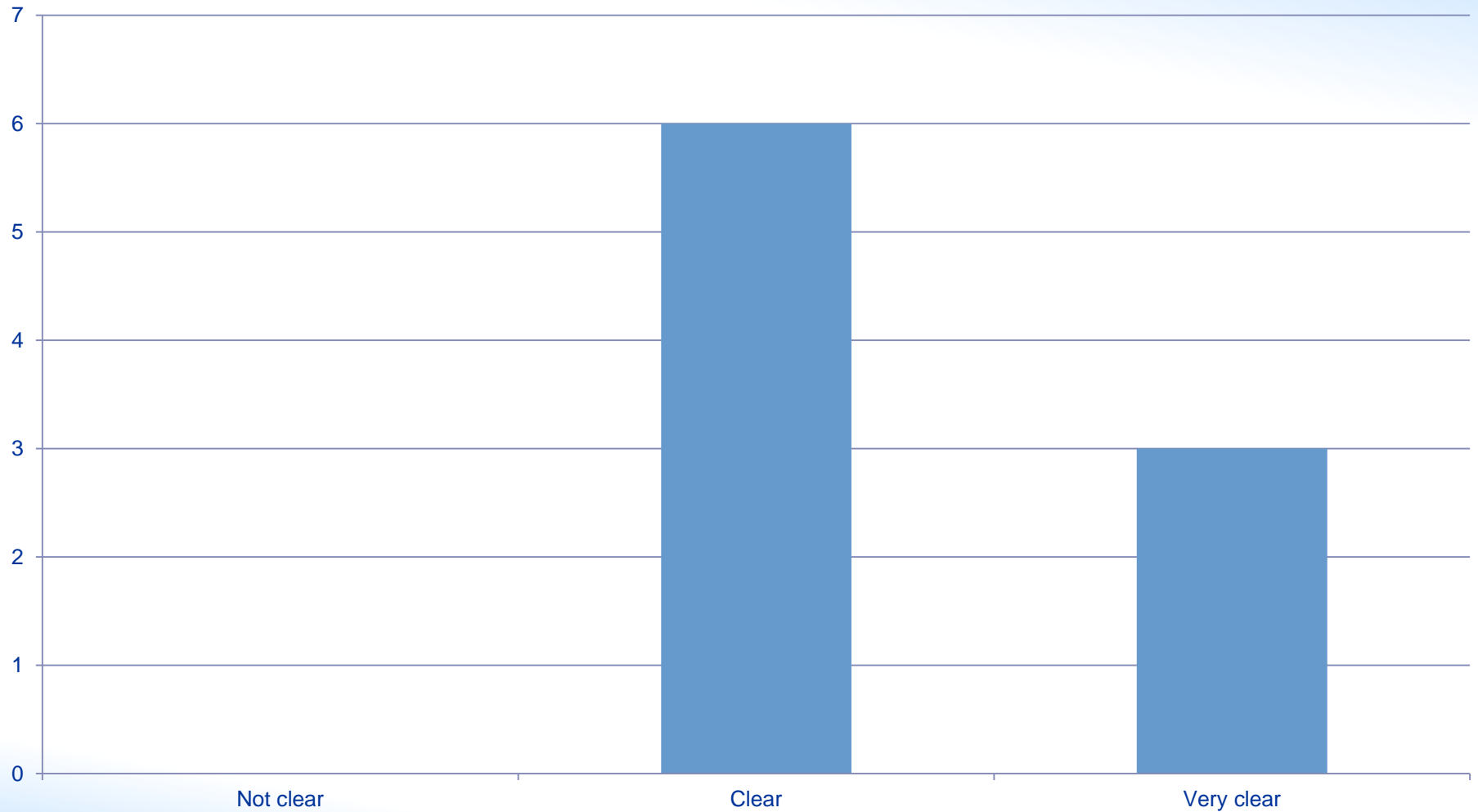
The number of lectures was:



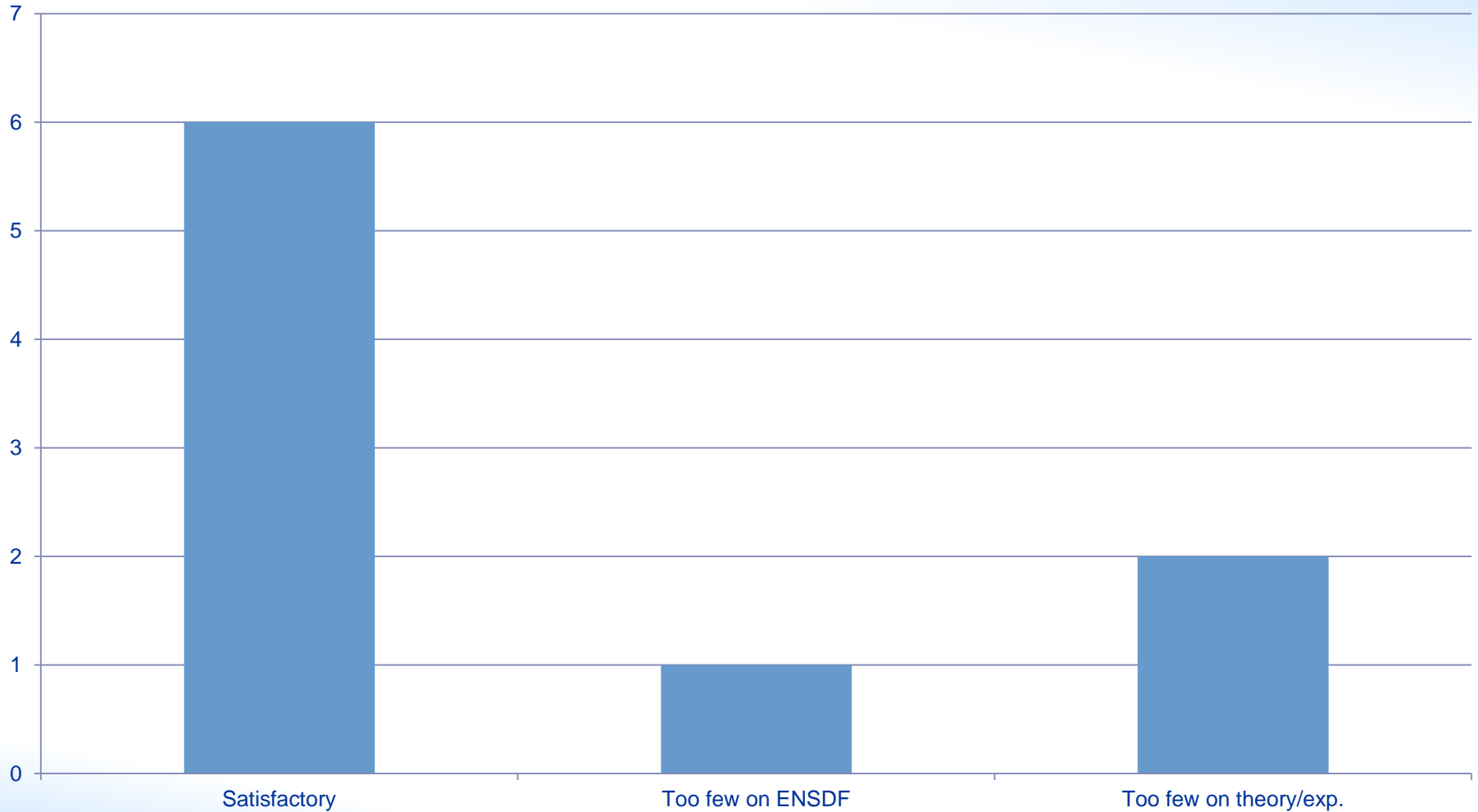
The level of the lectures was:



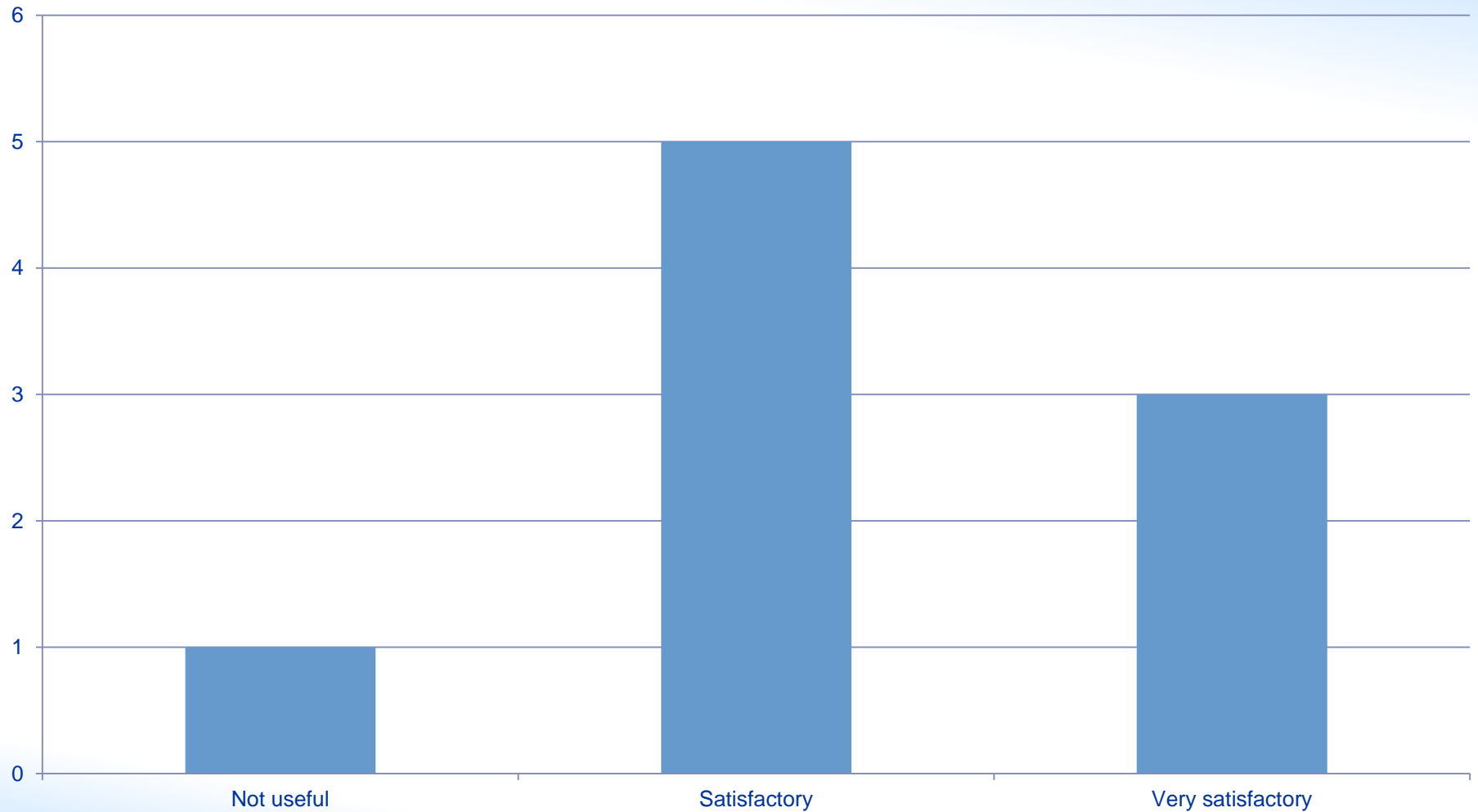
The lectures were:



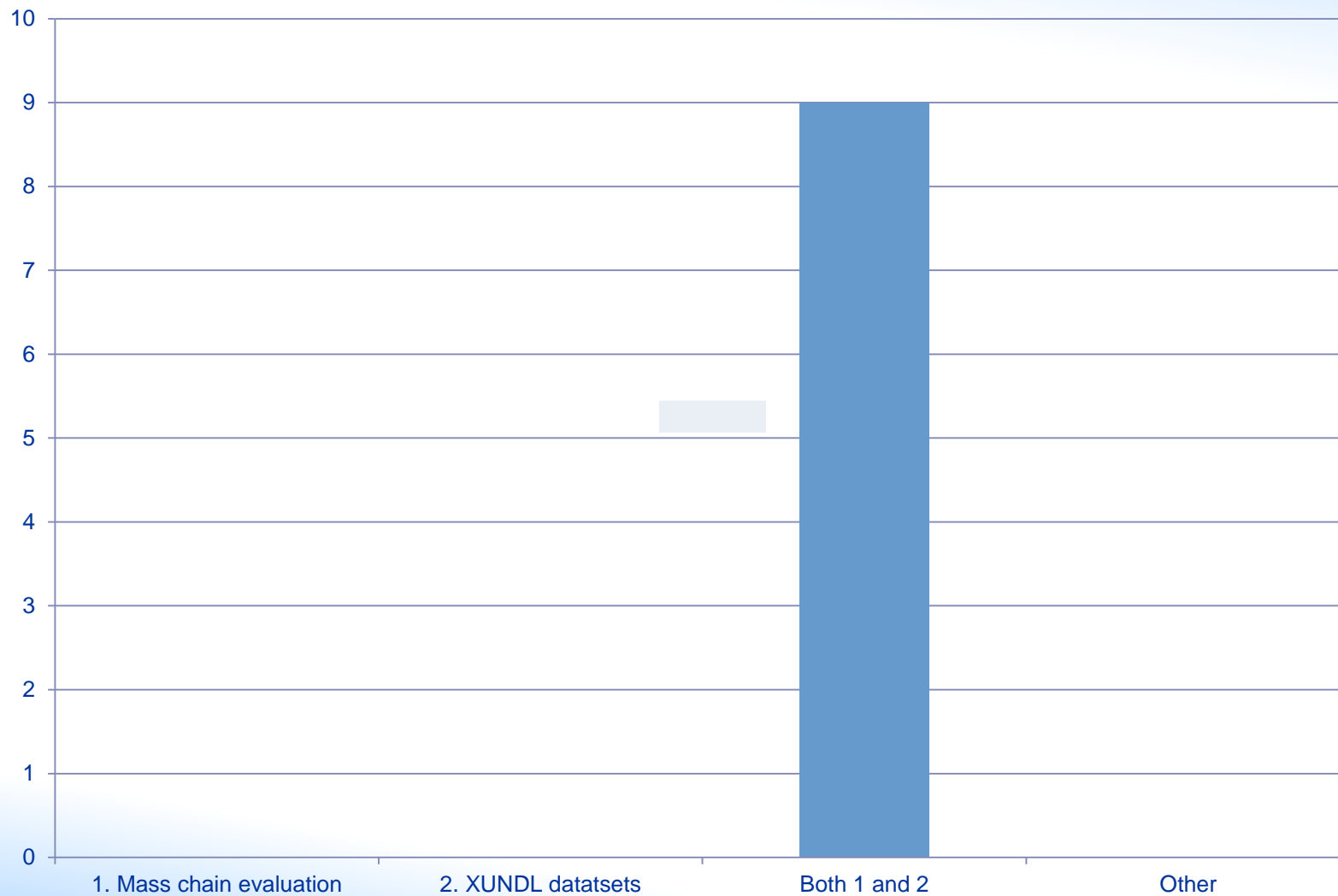
Balance between lectures on ENSDF vs exp/theory was:



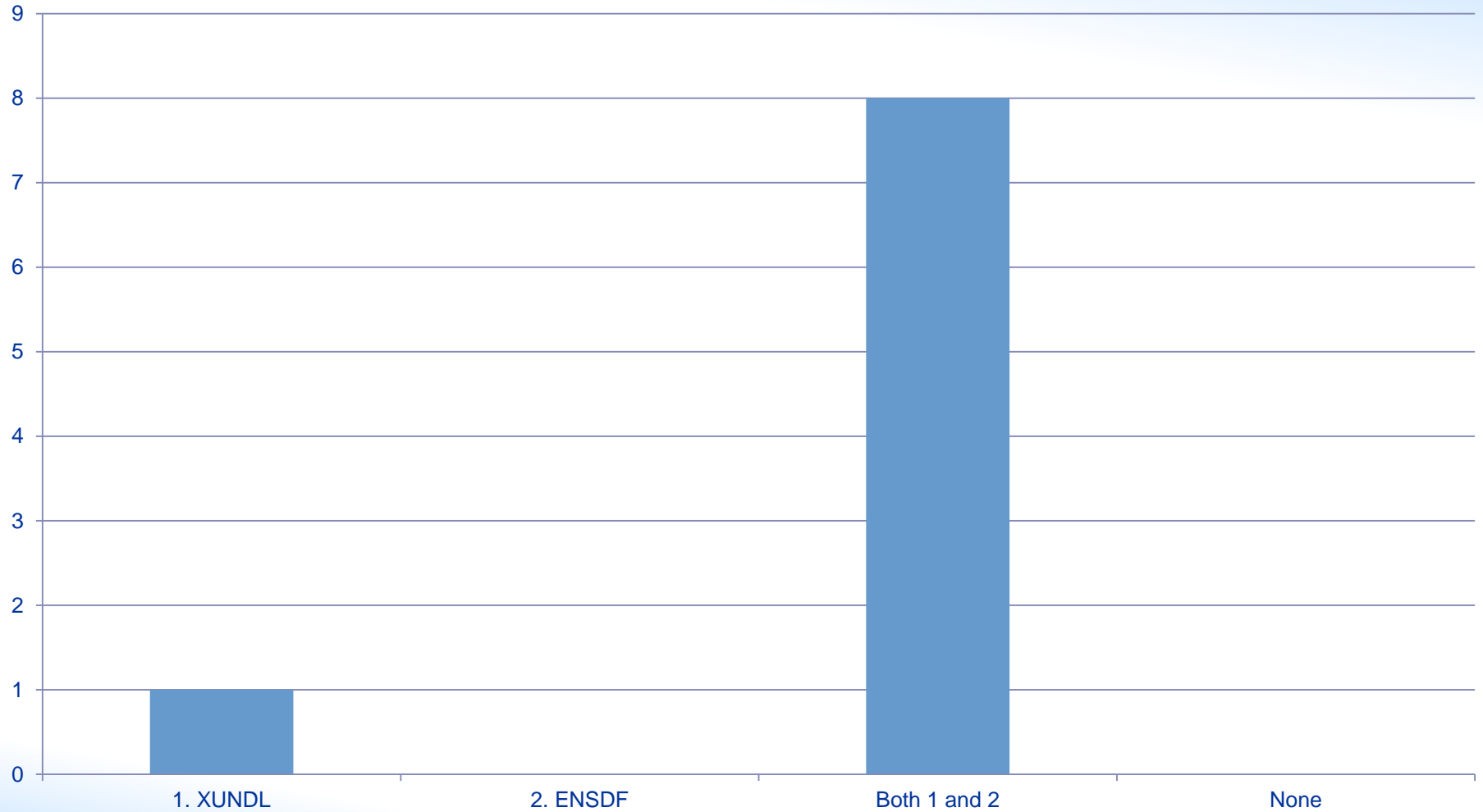
The practical courses were:



Practical courses should include:



I would like to continue working on:



Comments

- More hands on exercises by the participants during codes demonstration.
- More Lectures on theory (deformed nuclei, cranking) and mass measurements
- If experimental techniques (i.e. glimpse of data analysis procedure) is supplemented with description of different type of detector and data acquisition system, that will help the evaluator to understand the quality of the data. Even few more theoretical lectures concerning the aspects of data evaluation can also be very handfuf.

Comments

- There could be more lectures on codes. Also, there should be some lectures on examples of assignment of spin-parity and how to deal with uncertainties. There should be more examples in lectures on the evaluation of different datasets.
- *Would it be possible to split the workshop in two parts? I mean one workshop is absolutely for the fresh beginners and the other one for those who have already have some training in the data evaluation work. In that case, prior to the beginning of a workshop, some pre-assigned evaluation work can be given to the individual participants so that they can get enough time to work on this through his/her own way. Then when the particular participant comes to the workshop, he / she would get a better scope to discuss specifically to the mentors about their problems and doubts while evaluating the pre-assigned jobs. In that way, I think all the participants would have some prior responsibility and at the same time, he/she would get much more scope to improve himself / herself in the specific work on nuclear data evaluation.*

Comments

- I do not have a coherent strategy to improve this workshop. Maybe mixing the afternoon and morning sessions so the first part of the morning and afternoon were lectures, and the second part active evaluation.
- It would be more useful if experimental classes are more focussed on the experimental techniques, such as decay spectroscopy with detector system, new digital data acquisition and data analysis etc.
- It would be better if accommodation and lectures/practical courses were held in the same building for more efficient use of our time

Comments

- Having the participants Presentations at the beginning of the workshop will be better option, and then during the workshop we can discuss more about joint work.
- As this workshop holds every two years, so I suggest a virtual workshop that may be organized biannually or once a year. In this way new evaluator can discuss their doubts about data evaluation. Such type of workshop does not put any burden on funding agencies and on the same time it provide the necessary push to data evaluation activity and might be useful to find new evaluator.
- As students cannot note all the useful things during the lectures so it is very much useful if there is provision to get video recording of every lecture during the workshop. It will create a database of video lectures on data evaluation which will be useful to all new as well as the active evaluators. If any lecturer has any unpublished data in their presentation then it can be removed by using video editing.

Comments

- The workshop program schedule is flexible enough which indeed helps a lot in learning process. I thought every workshop should have such type of provisions, so that students can suggest which topics should be explored more. Actually I found it a bit difficult to understand the report files of ENSDF analysis codes, so I requested for more sessions on ENSDF analysis codes during the first week. I very much appreciated the effort made to arrange for quite extensive session on these codes in second week.
- Second aspect of this workshop which is quite different as compared to previous workshops: It has more emphasis on experimental nuclear physics which indeed is well justified because, ENSDF mainly contain the measured nuclear physics quantities.
- The ENSDF analysis, utility codes and editors which are the major part in the evaluation process are demonstrated online and corresponding output and report files are well explored. I found this part quite useful. I am sure it will provide a necessary push to my data evaluation skills.
- The exposure to nuclear data retrieval system (LiveChart of Nuclides) will be very useful tool to study systematics of different nuclear physics quantities. I thought it will definitely help me in our theoretical nuclear structure studies.



IAEA

60 Years

Atoms for Peace and Development

Thank you!

