Clarification on the Assignments "rnn-lab1" and "rnn-lab2"

This document contains <u>further</u> clarifications on the output data required for the following assignments:

- "Neural Networks for temporal data processing" (rnn-lab1)
- "Echo State Networks for temporal data processing" (rnn-lab2)

Format of the required output for data structures is .mat

For each assignment it is asked to provide some data structures.

E.g. in the case of "rnn-lab1" Assignment1-Laser task, apart from the source code (in .m format) and all the required figures (target vs output plot and learning curve in both .fig and .png format) it is required to provide: the net structure, the training record structure, all input and target data structures used for training. Such data structures should be provided in a .mat file, e.g. using the command `save`:

```
save 'rnn-lab1-laserTask.mat' net, trainingRecord, inputData, targetData
```

Required Data

For each assignment the provided output should refer <u>only</u> to the neural network selected through the model selection process (e.g. the IDNN or RNN network for assignments in "rnn-lab1", and the ESN for the assignments in "rnn-lab2").

Source Code

As required in the assignments' text, source code in .m format for each exercise should be provided. **Note**: beyond the code (which is checked for errors and adoption of correct methodology), the data produced by you are useful for us to check your results (without assuming that we will run the code to produce them again). Thereby, all data (code, figures <u>and data structures</u>) must be provided, according to the specification of each assignment.