



## Quick guide NMR 400Mhz Bruker AdvanceIII

Access to NMR 400 is allowed *only by booking online*.

To **avoid any failure** of the NMR 400 instrument, follow these steps in sequence:

- ◆ *LogIn* to your account;
- ◆ click "*Lift Up/Down*" for insert your sample (or type EJ and after IJ);
- ◆ choose a proper experiment from your "*Alias*" folder in your account directory;
- ◆ click from Toolbar (or type) "LOCK" and choose deuterated solvent of your sample;
- ◆ click from Toolbar (or type) "*ATMA*" for tuning nucleus;
- ◆ click from Toolbar (or type) "*TOPSHIM*" to shimming best value of your sample;
- ◆ click from Toolbar (or type) "*RGA*" for setting proper value of receiver gain;
- ◆ click from Toolbar (or type) "*PulCal*" (optional, only in case 1H experiment);
- ◆ type "ZG" (or click ► on toolbar) to start new acquisition,

when finished (or by interrupting your exp typing "*HALT*" command), first at all "unLock" then "lift up" the sample tube.

You can view/edit your spectrum typing "*esp*" command.

Then "*LogOff*" from your account before leaving the computer console.

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**Do NOT change any settings of TopSpin program!**

And NO changes of the room air conditioner settings are allowed.

Ask to the referent for any question.

Thank you :-)

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