

HFI/NQI 2010

Thursday 16 September 2010

THEORY - 500/1-001 - Main Auditorium (14:20-14:40)

-Conveners: **Stephan COTTENIER**

time [id] title

presenter

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|-------|--|------------------------|
| 14:20 | [1] DFT Study of Hyperfine Interactions in Some Types of the Complexes | Prof. POLESHCHUK, Oleg |
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Friday 17 September 2010

THEORY - 500/1-001 - Main Auditorium (09:00-10:40)

-Conveners: Helena Maria PETRILLI

| time | [id] title | presenter |
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| 09:00 | [95] Calculations of Hyperfine parameters in solids based on DFT and using WIEN2k | BLAHA, Peter |
| 09:40 | [30] Electron penetration into the nucleus and its effect on the quadrupole interaction | Ms KOCH, Katrin Mr COTTENIER, Stefaan |
| 10:00 | [108] Quadrupole interaction in the solid halogens - a new (not final) look | HAAS, Heinz |
| 10:20 | [146] A-priori calculations of hyperfine interactions in highly ionized atoms: g-factor measurements of pico-second states populated in nuclear reactions. | STONE, Nicholas |

THEORY - 500/1-001 - Main Auditorium (11:10-11:50)

| time | [id] title | presenter |
|-------|---|------------------------|
| 11:10 | [43] Electric field gradient calculations by quantum chemical methods | Prof. KELLOE, Vladimir |