



# Forum on (Meta-)Stability of the Electroweak Vacuum.

**Bernd Kniehl, Sven-Olaf Moch, Alexander Westphal**

**Tuesday, 4 June 2013, 16:45 h, Auditorium**



**We give an exhaustive review about the question of (meta-)stability of the vacuum in the Standard Model in the light of the Higgs discovery and its possible implications for physics beyond the Standard Model.**

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| <b>B. Kniehl (Hamburg Univ.):</b>  | <b>Vacuum stability in the Standard Model at two loops</b>          |
| <b>S.-O. Moch (Hamburg Univ.):</b> | <b>How the top-quark mass affects electro-weak vacuum stability</b> |
| <b>A. Westphal (DESY):</b>         | <b>Inflationary ramifications of a meta-stable Higgs vacuum</b>     |

- **Coffee, tea and cookies will be served at 16:30h**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**

