

**Celebrating Physics with a Good Excuse", Symposium at PSI
July 3 – 6, 2017, Paul Scherrer Institut**

Critical wetting, an old story without a good ending

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More than thirty years ago several people, including Bert, worked on the theory of critical wetting. There seemed to be a consensus on the theory at the time but numerical and experimental results are desperately mean field. The reasons for this discrepancy are still unclear.