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An introduction to Knot Contact Homology

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Knot contact homology (KCH), invented by T. Ekholm, J. Etnyre, L. Ng and M. Sullivan (arXiv:1109.1542), is a fairly non-classical knot invariant defined via the technique of contact geometry and pseudo-holomorphic curves. Happily, there is also a combinatorial version of KCH which is readily computable. Moreover recent studies suggest a deep relationship between KCH and string theory. In this talk I will review this recent and exciting discovery.

*Mød op, hør foredraget og grib chancen for at blive medlem af Eulers Venner.
Vi giver kaffe, te og kage.*