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## The origami code – scientists discover folding

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Folded structures can be found everywhere in nature: flower buds, wings, human brains, genes ... By identifying and understanding these natural folds, scientists hope to solve highly complex mathematical problems or develop practical technical solutions. Origami is thus much more than an old, traditional art of paper folding – its ideas have found their way into science and technology, as can be seen very impressively in a documentary shown on 3SAT:

[German Video "The origami code"](#)

The exciting topic will also be dealt with at the PTS Paper & Board Symposium in Munich on 6 and 7 September 2016. In his evening presentation on 6 September, Dr Yves Klett from the Institute of Aircraft Design in Stuttgart will address the question if and how origami can be used for sustainable, economical and energy-efficient products. Without giving too much away – it can: origami structures could be used for aircraft components that are 30-40% lighter than their conventional counterparts. This offers enormous savings, provided that the necessary folding steps can be transferred to machines for industrial production.

Does this arouse your curiosity? Join us and register for the event – we look forward to meeting you!

Kind regards from Munich  
Your PTS Academy