

Biography: Tristan Hübsch



(More detailed information: [curriculum vitae](#).)

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Born on Dec. 22 1958 in Novi Sad, Yugoslavia, he completed his B.Sc. in physics in 1981 at the [Institute of Physics](#) at the [Faculty of Sciences](#) of the [University of Novi Sad](#), Yugoslavia (with Prof. M. Nikolić). After 2 years of graduate study at the [Department of Physics](#) of the [University of Zagreb](#), Yugoslavia (with Prof. S. Pallua), he transferred to the [Department of Physics and Astronomy](#) at the [University of Maryland, College Park](#), where he earned his Ph.D. in physics in 1987 (with Prof. J. C. Pati).

He participated in dozens of spring- and summer schools and [workshops](#), often as an invited lecturer: he has given over 90 [invited lectures](#), around the World. He has [taught](#) undergraduate and graduate courses at the [Physics Department](#) of [Howard University](#) since fall 1992, where he has received tenure in 1997. His [research](#) has been [supported](#) by various granting agencies, including the continuous funding by [The US Department of Energy](#) since 1994; his efforts in improving physics education are supported by the [The US Department of Education](#) ([MSEIP](#)), since 1996–2002. His professional [publications](#) include over 120 research articles and three books. See also [inSPIRE's profile](#) and the [Google Scholar profile](#).

Publication highlights (besides the “Bestiary” and “ACPF” >>)

A Generalized Construction of Calabi-Yau Models and Mirror Symmetry

with P. Berglund: [SciPost](#) **4**, 009 (2018) 1–30; [arXiv:1611.10300](#).

Golden Ratio Controlled Chaos in Supersymmetric Dynamics

with G.A. Katona: [Int. J. Mod. Phys.](#) **A28** (2013) 1350156, [arXiv:1308.0654](#).

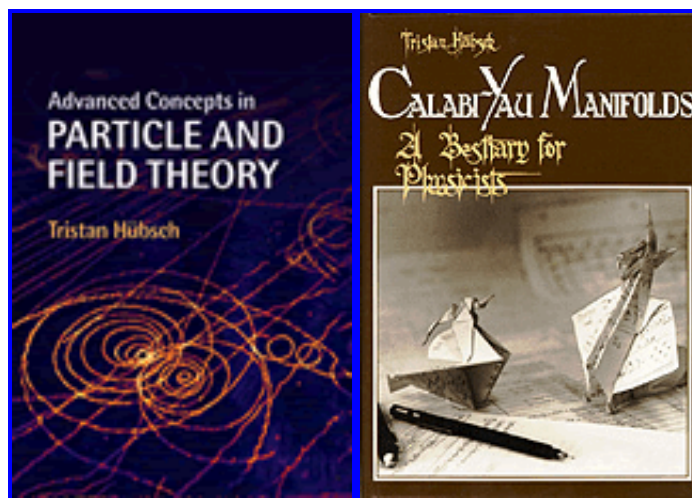
A Superfield for Every Dash-Chromotopology

with C.F. Doran, M.G. Faux, S.J. Gates, Jr., K.M.

Iga and G.D. Landweber: [Int. J. Mod. Phys.](#) **A24** (2009) 5681-5695, [arXiv:0901.4970](#).

Localized Gravity and Large Hierarchy from String Theory ?

with P. Berglund and D. Minic: [Phys. Lett.](#) **B512** (2001) 155-160, [hep-th/0104057](#).



Gauging Yang-Mills Symmetries in 1+1-Dimensional Spacetime

with Raja Q. Almuqahhal: [Int. J. Mod. Phys. **A16** \(2001\) 4713-4768](#), [hep-th/9910007](#).

Quantum Mechanics is Either Non-Linear or Non-Introspective

[Mod. Phys. Lett. **A13** \(1998\) 2503-2512](#); [quant-th: 9712047](#).

On A Stringy Singular Cohomology

[Mod. Phys. Lett. **A12** \(1997\) 521-533](#); [hep-th/9612075](#).

On A Residue Representation of Deformation, Chiral and Koszul Rings

with P. Berglund: [Int. J. Mod. Phys. **A10** \(1995\) 3381-3430](#); [hep-th/9411131](#).

Rolling Among Calabi-Yau Vacua

with P. Candelas and P. S. Green: [Nucl. Phys. **B330** \(1990\) 49-102](#).

Possible Phase Transitions Among Calabi-Yau Compactifications

with P. Green: [Phys. Rev. Lett. **61** \(1988\) 1163-1166](#).

Polynomial Deformations and Cohomology of Calabi-Yau Manifolds

with P. Green: [Commun. Math. Phys. **113** \(1987\) 505](#).

Calabi-Yau Manifolds - Motivations and Constructions

[Commun. Math. Phys. **108** \(1987\) 291](#).

For some detailed statistics of my research footprint, see the [inSPIRE tabulation](#), or search the [Google Scholar](#) records.

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