

# Yoshiyuki Tatsuta

## *Curriculum Vitae*

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### Contact

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### Personal Data

First Name Yoshiyuki  
Family Name Tatsuta  
Gender Male  
Marital Status Single  
Date of Birth 15 June, 1988  
Place of Birth Hyogo, Japan  
Nationality Japan  
Language Japanese (first language), English

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### Research Interests

- ▶ ***String phenomenology***
  - Intersecting D-branes in type IIA, magnetized D-branes in type I/IIB, F-theory etc.
- ▶ ***String cosmology***
  - Construction of de Sitter vacua (KKLT, racetrack etc.), SUSY breaking mechanism
- ▶ ***Moduli physics***
  - Interplay between moduli and phenomenology, slow-roll inflation by moduli
- ▶ ***Weak gravity & swampland conjectures***
- ▶ ***Effective field theories***
  - Supersymmetry, gauge-Higgs unification etc.

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## Education and Research Experiences

4/2008 – 3/2012	Bachelor of Science (Physics), Waseda University
4/2012 – 3/2014	Master of Science (Physics), Waseda University
4/2014 – 3/2017	Ph.D. of Science (Physics), Waseda University
4/2016 – 3/2017	Research Fellow of the Japan Society for the Promotion of Science (DC2, Waseda University)
4/2017 – 3/2018	Research Fellow of the Japan Society for the Promotion of Science (PD, DESY and Waseda University)
4/2018 – 3/2020	Research Fellow of the Japan Society for the Promotion of Science (Overseas PD, DESY)
4/2020 – 9/2020	Research Fellow (Theory Group, DESY)
10/2020 – 9/2022	Research Fellow (Theoretical Physics Group, Pisa SNS)

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## Teaching and Research Assistantships

4/2013 – 2/2014	Research Assistant (Department of Pure and Applied Physics, Waseda University)
4/2014 – 2/2017	Teaching Assistant (Department of Pure and Applied Physics, Waseda University)

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## References

Augusto Sagnotti	Theoretical Physics Group, Scuola Normale Superiore di Pisa Piazza dei Cavalieri 7, 56126 Pisa, Italy augusto.sagnotti@sns.it
Wilfried Buchmüller	Theory Group, Deutsches Elektronen-Synchrotron Notkestraße 85, 22607 Hamburg, Germany wilfried.buchmueller@desy.de
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