

Ronen Plesser 罗南普乐斯 is a Professor of Physics and Mathematics from Duke University in North Carolina. He received his PhD in physics from Harvard in 1991. He spent two years at Yale as a postdoc, and two at the Institute for Advanced Study as a long-term member before taking up a position at the Weizmann Institute of Science in 1995. He has been on the faculty at Duke since 1997. His research area is string theory, and in particular the interplay between geometry and physics. He has worked on topics such as mirror symmetry (a duality relating two topologically distinct spaces that are indistinguishable in string theory); supersymmetric gauge theories; extremal transitions (processes in which the topology of space changes that have a smooth description in string theory). His current research is mostly centered on the geometry of heterotic string compactifications. In addition to research and teaching, He enjoys spending time with his 5(!) grown kids, rock climbing (mostly bouldering V4/5) and paragliding. We are very glad he can join us as a Mathcamp Lecturer this summer. He will be teaching a course on Astrophysics.