Filippo Scott

Having always been attracted to both physics and engineering, Filippo Scotti obtained his Bachelor's degree in Engineering Physics at the Politecnico of Milan. He graduated summa cum laude with his thesis on the statistical properties of magnetic jumps in magnetization loops occurring in thin iron films.

During his Bachelor's level studies, Filippo's interests focused primarily on the physical applications of energy production. These interests led him to pursue a Master of Science in Nuclear Engineering at the Politecnico, Milan. Filippo then won a Monbukagakusho Scholarship from the Japanese Ministry of Education during the second year of his Master's, which allowed him to enroll in a double degree program at the University of Tokyo in conjunction with the Politecnico. He completed his Master's of Engineering in Quantum Engineering and Systems Science at the University of Tokyo after developing new diagnostic methods for low temperature plasmas and also graduated summa cum laude with thesis research on low temperature plasmas for thermonuclear fusion applications from the Politecnico, Milan.

Simultaneous to his Master's degree at the Politecnico of Milan and his scholarship in Japan, Filippo was enrolled in the Alta Scuola Politecnica The Alta Scuola Politecnica (ASP) is an institution for 150 young, talented students from the Politecnico in both Milan and Turin who are passionate about innovation and who wish to develop their potential in a multidisciplinary community. After the completion of the ASP program (and his research project on the development of a drug for the treatment of decompression sickness of scuba divers), Filippo was awarded an ASP diploma and a Master of Science in Energetic Engineering summa cum laude from the Politecnico of Turin – in addition to his double degree from the Politecnico, Milan and the University of Tokyo.

While in the U.S. as a Fulbright Science and Technology grantee at Princeton's doctoral program in Plasma Physics, Filippo has been working on gaining a deeper understanding of plasmas and their application for energy production in thermonuclear fusion.