

Coppi Bruno

Position: Massachusetts Institute of Technology
Period covered: 1968 to now

I. Scientific Work

Basic Plasma Physics, Plasma Astrophysics, Nuclear Fusion Research

II. Conferences and educational activities

II a. Conferences and Other External Scientific Works
numerous

II b. Work With Students
numerous

II c. Diploma thesis supervision
numerous

II d. Other Teaching Duties
Have been teaching regularly since 1966 with relatively brief interruptions

II e. Work With Postdocs
Had many postdoc collaborations over the years

III. Service activities

III a. Within ICRANet
Presented invited paper at Ventimiglia Symposium

III b. Outside ICRANet
Participated in other international conferences concerning the fields mentioned in I

List of Publications

- B. Coppi, "Accretion theory of 'spontaneous' rotation in toroidal plasmas," Nucl Fusion 42, 1: 1-4 (2002).
- B. Coppi, G. Laval, and R. Pellat "Dynamics of the Geomagnetic Tail," Phys. Rev. Letters 16, 26: 1207-1210 (1966).
- B. Coppi, M.N. Rosenbluth, and R.V. Sudan "Non-linear Interactions of Positive and Negative Energy Modes", Ann. Physics 55, 2: 248-270 (1969).
- B. Coppi, F. Pegoraro, R. Pozzoli and G. Rewoldt "Slide Away Distributions and Relevant Collective Modes in High-Temperature Plasmas", Nucl. Fusion 16, 2: 309-328 (1976).
- B. Coppi "Nonclassical Transport and the 'Principle of Profile Consistency'", Comments Plasma Phys. Cont. Fusion 5, 6: 261-270 (1980).
- B. Coppi, A. Airoidi, F. Bombarda, et al. "Optimal regimes for ignition and the Ignitor experiment," Nucl Fusion 41, 9: 1253-1257 (2001).

