



Press Release

Anomaly!

Collider Physics and the Quest for New Phenomena at Fermilab

By **Tommaso Dorigo** (INFN, Italy)

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From the mid-1980s, an international collaboration of 600 physicists embarked on the investigation of subnuclear physics at the high-energy frontier. As well as discovering the top quark, the heaviest elementary particle ever observed, the physicists analyzed their data to seek signals of new physics which could revolutionize our understanding of nature.

This book tells of how the physicists reacted to the findings.

Dorigo gives a narrative back-stage pass to some of Fermilab's big experiments, showing the sociology of collaboration and competition among scientists. This is a book about scientific controversies and the internal fights of collaboration, trying to reach a consensus on what to publish and what to dump. It is the story of the story of a true discovery - that of the top quark - along with many false ones.

Dorigo reveals that even at the highest level, fundamental research in physics is a trial-and-error game.

***The author is available to write articles/features on this topic, and is an active blogger at:
http://www.science20.com/quantum_diaries_survivor***

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