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Search for non-Standard Model interactions of the top quark at ILC

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Top quarks and in general heavy quarks are likely messengers to new physics. The scrutiny of these particles' properties must be completed by the measurement of electroweak $q\bar{q}$ production at high energies, in particular for the top-quark. The International Linear Collider will offer favorable low-background environment of e^+e^- annihilation combined with a high-energy reach.

This talk will review the opportunities for precision measurements of the top and heavy quarks properties at the International Linear Collider, including the search for BSM contributions and CP violation in the top sector.

In-person participation

Yes

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