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Towards an update of the ILD ZHH analysis

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The double Higgs-strahlungs process ee -> ZHH allows to access the Higgs self-coupling at energies above ~450 GeV. It exhibits a very different BSM behaviour than fusion-type processes like gluon-gluon fusion at LHC (and future hadron colliders) and WW / ZZ fusion at higher energy lepton colliders. Therefore it adds unique information to the picture, in particular should the value of the Higgs self-coupling differ from its SM prediction. The last full evaluation of the ILC's potential to measure this process is more than 10 years old, and many of the reconstruction tools received very significant improvements since. This contribution will present the ongoing work in ILD to update the ZHH projections for the next European Particle Physics Strategy Update.

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