

## PREFACE

The twenty-first Lake Louise Winter Institute, entitled “Fundamental Interactions”, was held from February 17-23, 2006, at the Chateau Lake Louise, situated in the scenic Canadian Rockies.

The pedagogical talks focussed on Precision measurement at Hadron colliders, evidence of Quark-Gluon plasma, Neutrino Physics, Nuclear Astrophysics, Low Energy tests of the Standard model and Physics beyond the standard model. These main talks were supplemented by contributed talks from all the collider facilities and from laboratories considering physics with non-accelerator experiments. The combination provided a variety of physics with the experiments providing the latest details of the new results.

We wish to thank Lee Grimard for a phenomenal job of organising various details of the Winter Institute, in particular providing a quiet and peaceful interface with the hotel staff. In all the support of the staff at Chateau Lake Louise is greatly appreciated.

Finally, we wish to thank the Dean of Science, and the University Conference fund at University of Alberta for financial support. We thank TRIUMF and Institute of Particle Physics for providing funds generously for a continuing operation of the Winter Institute. It is a pleasure to thank Theoretical Physics Institute and Physics department for infrastructure support that makes our task for organising the Winter Institute much easier.

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