



TRILIME	Alberta	Regina
Willy Andersson	Mandrei Ganonenko	Ted Mathie
Vuri Davydov	Beter Green	
	Peter Kitching	Roman Tacik
Wayne Faszer	Rob MacDonald	Saskatchewan
Dave Gill	Maber Oursan	Bill Shin
Peter Gumplinger	Nathan Rodning	Texas A&M
Richard Helmer	<ul> <li>♦ John Schaapman</li> </ul>	Carl Gagliardi
Robert Henderson	<ul> <li>Farhana Sobratee</li> </ul>	• John Hardy
John Macdonald	<ul> <li>Jan Soukup</li> </ul>	😵 Jim Musser
Glen Marshall	Glen Stinson	Robert Tribble
Art Olin	British Columbia	Maxim Vasiliev
Avid Ottewell	✗ Blair Jamieson	Valparaiso
* Robert Openshaw	<ul> <li>Doug Maas</li> </ul>	Don Koetke
Jean-Michel Poutissou	Mike Hasinoff	Robert Manweiler
Renee Poutissou	Northern British Columbia	♦ Paul Nord
✤ Grant Sheffer	Elie Korkmaz	Shirvel Stanislaus
Hans-Christian Walter	Tracy Porcelli	KIAE (Russia)
Dennis Wright	Montreal	Arkadi Khruchinsky
5	Biorro Donommior	Vladimir Saliyanay



TWIST - Recent Mile	stones
Recent Success:	8 December 2000
<ul> <li>Yoke delivery:</li> <li>Yoke assembly completed:</li> <li>Yoke alignment:</li> </ul>	8 December 2000 22 December 2000
<ul> <li>Yoke alignment:</li> <li>Solenoid alignment:</li> </ul>	mid January 2001 mid January 2001
Solenoid commissioning: magnet cool down begin	ning 6 February 2001
• 38 DC and 4 PC wire planes strung (of 56) as of	the end of January
<ul> <li>86 preamps completed and delivered</li> <li>First cosmic ray events in six plane stack</li> </ul>	January, 2001 November, 2000
• Cosmic ray events in dense stack (8 planes)	January, 2001
NL Rodning, University of Alberta - February 2001	5





































## TWIST-Budget

The TWIST budget request is minimal the detector has been built without accessing the 15% contingency set aside by NSERC

## 1) Support for Post-docs should be uniform.

TWIST has been funded for three NSERC post-docs

Given the size and complexity of the experiment, and the number of grant signators, this is less than normal

2) Graduate Students should not teach while taking data or building an experiment.

Nonetheless, our request builds in an assumption of one semester / year of teaching for graduate students.

We accepted one additional PhD student in January (Blair Jamieson, UBC). We are not requesting support for any unnamed students.

## 3) We have been told to expect significant (perhaps 50%) increases in the cost of liquid Helium.

A contract protects us through 2001.

4) We have requested a minimal budget. If we are given less than 95% the requested amount, we prefer a one-year award. NL Rodning, University of Alberta - February 2001 24

Summer 2001	-	Commissioning data. Preliminary alignments and calibrations
End of 2001	-	Michel distributions on tape suitable for preliminary determination of <b>r</b> and <b>d</b>
2002	- - - -	Installation of the TEC Modified production target Beamline improvements, including realignments Improved Michel distributions based upon experience with alignments and calibrations Field alignment studies
2003	-	Studies of depolarization in the stopping target Preliminary P <sub>n</sub> x data Precision measurements of <b>r, d</b> and <b>h</b>