

## Errata

### *A University Program of Accelerator and Detector Research for the Linear Collider (vol. II)*

## Errata

The following errors were corrected in the online version on December 14, 2003.

- p. 2.0.7, table near the top of the page: **Princeton** was accidentally omitted from the list of institutions in LCRD 2.37.
- p. 2.14.1: the year 1, year 2, year 3 budgets for UCLC 2.14 should be **\$30,294, \$53,108, \$79,888.**
- p. 2.22.4: The first and second equations are each missing a  $\Sigma$  in the obvious place. The third equation should have **brackets** around the  $(N+1/2)$  term.
- p. 2.22.5: The equation is missing a  $\Sigma$  in the obvious place.
- p. 8.1.3: The budget error for UCLC 2.14 described above renders the UCLC and UCLC+LCRD tables inaccurate. In addition, BNL is receiving support through UCLC 5.11, and this total should have been included in the "BNL, ANL included..." table. **A revised version of this page** of the proposal is included below.
- p. 8.1.6, 8.1.15, 8.1.28: The budget error for UCLC 2.14 should be corrected so that the table entry for this proposal's budget reads

**Requested support: Year 1: \$30,294, Year 2: \$53,108, Year 3: \$79,888**

## Appendix 1: Participation Data and Tables of Project Summaries

### Profiles of requested funding

LCRD	\$ year 1	\$ year 2	\$ year 3	proposals
Accelerator Physics total	\$771,551	\$870,558	\$712,658	17
Luminosity, Energy, Polarization total	\$178,998	\$237,966	\$218,751	7
Vertex Detector total	\$75,000	\$150,000	\$150,000	1
Tracking total	\$282,260	\$285,138	\$262,522	6
Calorimetry total	\$553,272	\$1,258,179	\$485,569	8
Muon system and Particle ID total	\$138,488	\$165,072	\$172,789	2
<b>Total</b>	<b>\$1,999,569</b>	<b>\$2,966,913</b>	<b>\$2,002,289</b>	<b>41</b>

UCLC	\$ year 1	\$ year 2	\$ year 3	proposals
Accelerator Physics total	\$379,672	\$756,811	\$889,444	12
Luminosity, Energy, Polarization total	\$58,735	\$224,311	\$217,244	2
Vertex Detector total	\$97,716	\$169,140	\$175,190	2
Tracking total	\$314,400	\$630,798	\$669,864	5
Calorimetry total	\$301,940	\$645,296	\$848,832	5
Muon system and Particle ID total	\$55,700	\$59,372	\$58,202	1
<b>Total</b>	<b>\$1,208,163</b>	<b>\$2,485,728</b>	<b>\$2,858,776</b>	<b>27</b>

LCRD + UCLC	\$ year 1	\$ year 2	\$ year 3	proposals
Accelerator Physics total	\$1,151,223	\$1,627,369	\$1,602,102	29
Luminosity, Energy, Polarization total	\$237,733	\$462,277	\$435,995	9
Vertex Detector total	\$172,716	\$319,140	\$325,190	3
Tracking total	\$596,660	\$915,936	\$932,386	11
Calorimetry total	\$855,212	\$1,903,475	\$1,334,401	13
Muon system and Particle ID total	\$194,188	\$224,444	\$230,991	3
<b>Total</b>	<b>\$3,207,732</b>	<b>\$5,452,641</b>	<b>\$4,861,065</b>	<b>68</b>

BNL, ANL in LCRD, UCLC detector	\$ year 1	\$ year 2	\$ year 3
Calorimetry: ANL (LCRD 6.14)	\$53,500	\$603,500	\$27,000
Tracking: BNL (UCLC 5.11)	\$25,000	\$50,000	\$90,000

### Profiles of institutional participation

LCRD + UCLC	Institutions	Personnel
Universities	48	220
National and industrial laboratories	5	58
Foreign institutions	11	25