The Citizen Cyberscience Centre: Mission, Sponsorship Models and Project Portfolio

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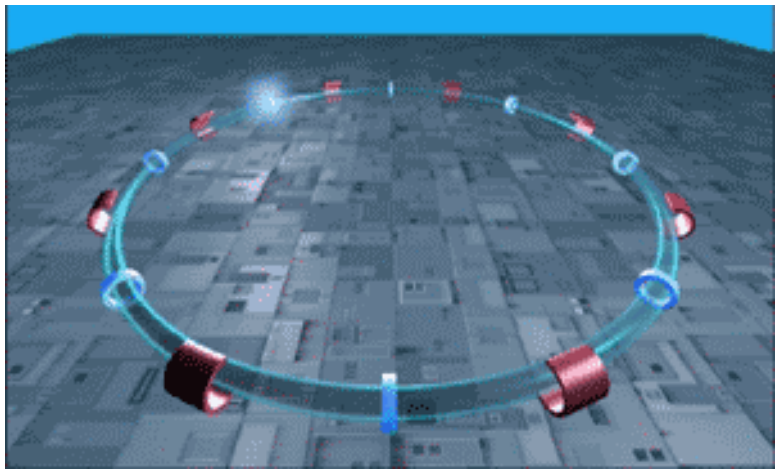
on behalf of the CCC partners

citizen cyberscience centre

Track Record

LHC@home

1) development 2003-04 exploitation 04-09
2) >60,000 volunteers, >5000CPU years of processing
3) externally funded (masters and summer students)
4) server now managed by QM University of London



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Track Record

AFRICA@home

1) development 2005-06 exploitation 06-09
2) >30,000 volunteers, >15,00CPU years of processing
3) 2 workshops in Africa, 50 researchers trained
4) 4 African researchers spent 2 months each at CERN
5) First African BOINC test server at U.Cape Town
6) GIAN funding 50kCHF + 200kCHF
7) Large press coverage, sponsor highly satisfied

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Track Record

ASIA@home

1) Initiated 2008
2) Workshop in Taipei, seminar in Beijing (Spring 2009)
3) Support from Academia Sinica, CAS
4) Several projects identified (e.g. ADB Manila)
5) CAS@home proposal, corporate interest

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Vision

Mapping desertification in Sub-Saharan Africa

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Vision

Searching for the Higgs boson in LHC data

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Mission

The three-fold mission of the centre is:

1)To develop new citizen cyberscience applications

Goal: 3 applications a year

2) To run hands-on workshops in the developing world

Goal: 2 workshops a year

3) To create online educational material

Goal: 2 projects a year

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Mission

Beyond the deliverables, the spin-off:

1)Create new citizen cyberscience applications…
…and new North-South collaborations

2) Train researchers to exploit citizen cyberscience…
…and master cutting-edge Web technologies

3) Educate citizens about science and development…
…and raise awareness of developing world science

Operating Costs

Funding target for initial five-year period is $5M :

1) **core staff** to run centre, develop programme (coordinator, technical officer, administrative officer)

2)support for short-term **research teams** (teams of 3-4 researchers visiting for 3 months, four times a year);

3) **workshops** in the developing world to spread know-how about citizen cyberscience (2 workshops a year);

4)creation of web-based **educational material** to promote citizen cyberscience in schools (2 projects a year).

Sponsorship Model

Founding Sponsors

- 500kCHF per year over three years
- Support core manpower and event running costs
- Representation on Steering Committee, Board of Sponsors
- High visibility in all CCC events, products

Project Sponsors

- 200kCHF for one year, can be in-kind
- Representation on Board of Sponsors
- Visibility in project-related events, products

Sponsorship Model

But all sponsors are different, so:

“Negotiations and agreement on the form and amount of a Sponsor’s contribution as well as any associated conditions shall be agreed on an individual basis.”

Partnership Model

CCC to catalyze collaboration , *not* command it.

Associated Partners can be **Universities, Institutes, NGOs** with strong citizen cyberscience activities or plans.

Exchange of letters planned with:
US: UC Berkeley
Europe: U Extremadura, Swiss Tropical Institute, UCL
Africa: University of Cape Town
Asia: Academia Sinica

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Project Portfolio

Some examples:

1) **Africa Mapping**
   Have: team, software
   Need: sponsor, hardware

2) **LHC Physics Simulation**
   Have: software, hardware
   Need : Team, sponsor

3) **HIV epidemiology**
   Have: software
   Need: enthusiasm

4) **Microeconomic modelling**
   Have: enthusiasm
   Need: software

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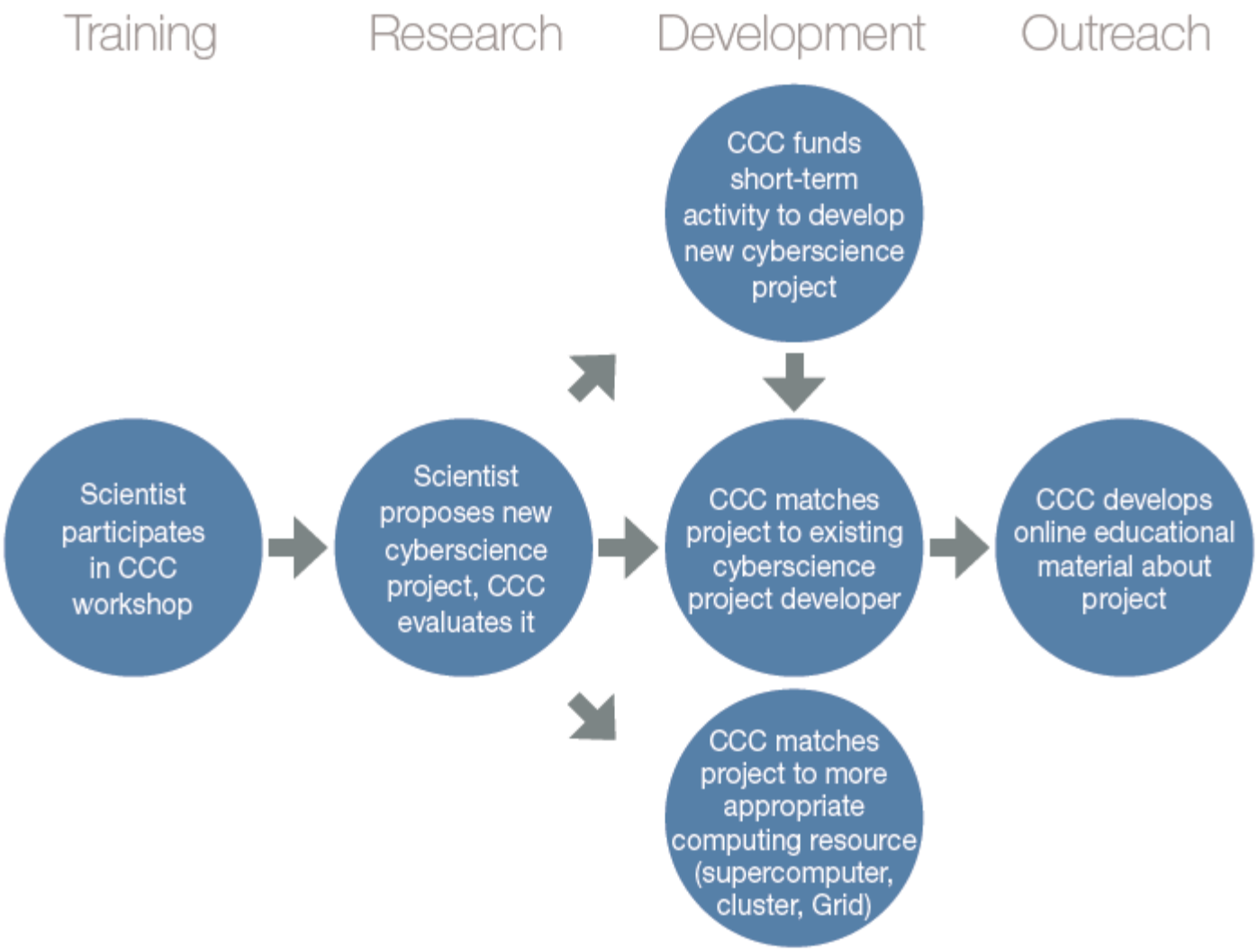
Project Pipeline



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Science for all, and all for science.