



ATCA - Advanced Telecommunications Computing Architecture

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ATCA

- ◆ 信頼性を高める技術を盛り込んだ Modular system の規格
- ◆ DESY/XFEL で採用がほぼ決まっており、ILC でも採用が予定されている
- ◆ 駒田さんによる解説
 - ✧ <http://abco4.kek.jp/~komada/ATCA.html>
- ◆ Wikipedia の解説
 - ✧ http://en.wikipedia.org/wiki/Advanced_Telecommunications_Computing_Architecture



外観



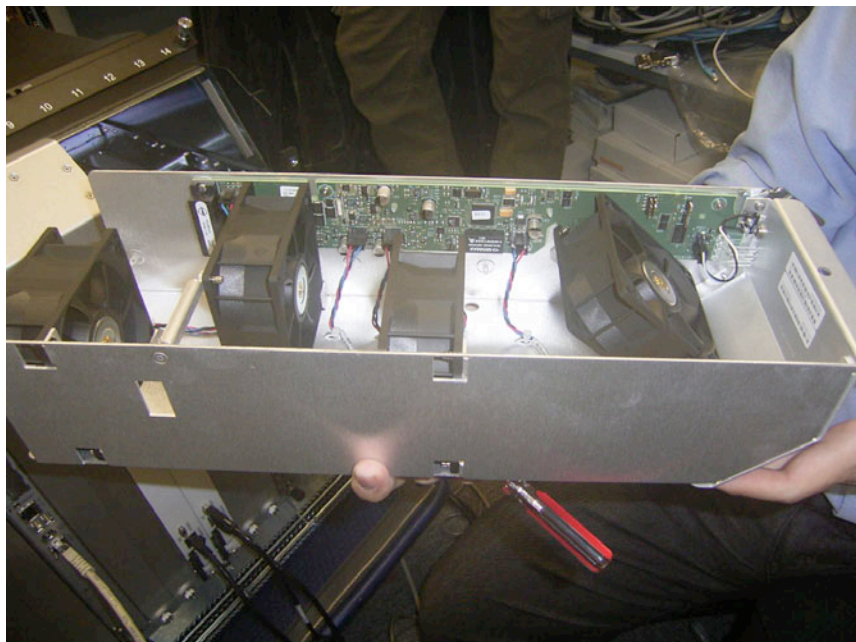
Redundant CPU



Backplane shielded contacts



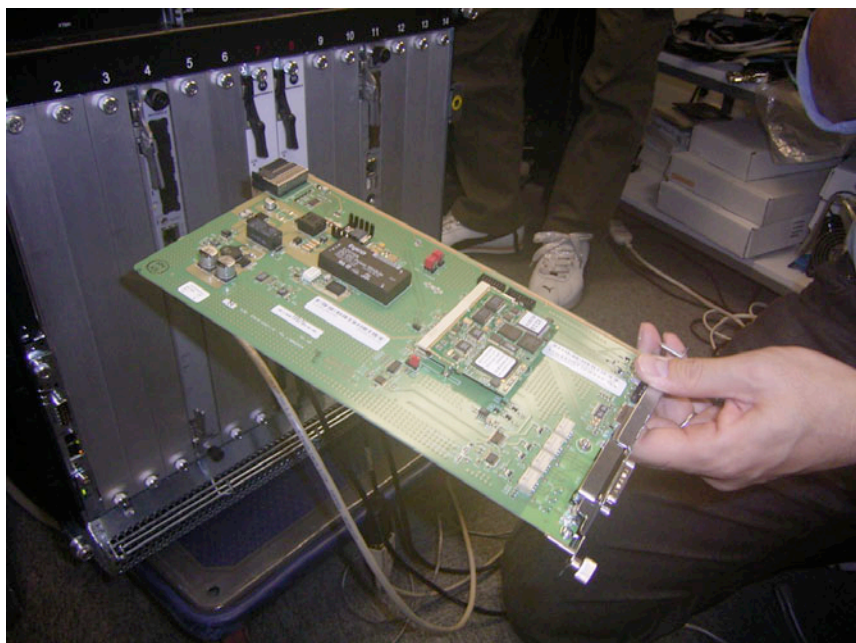
4 つの内 1 つの Fan Unit



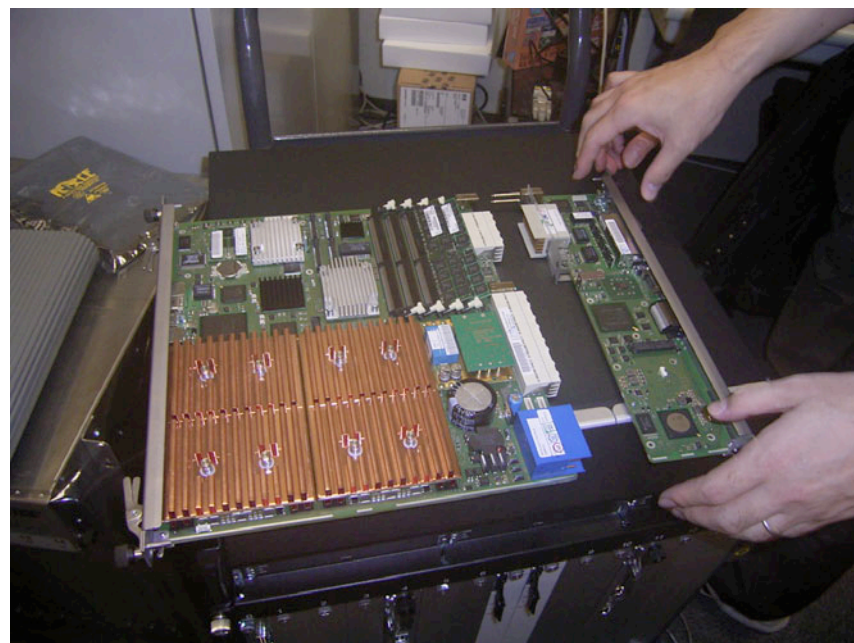
上部 Fan unit と IPMI board



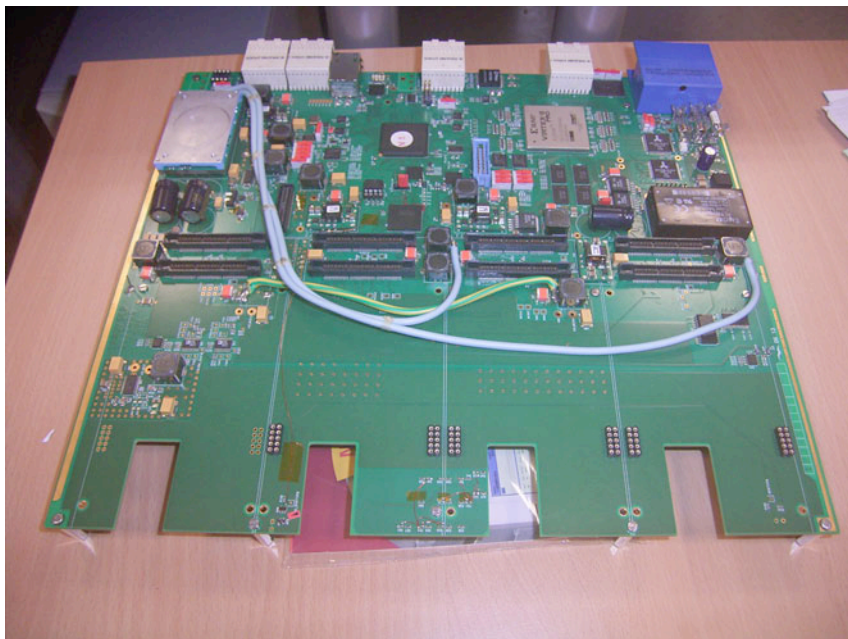
Redundant switch fabrics



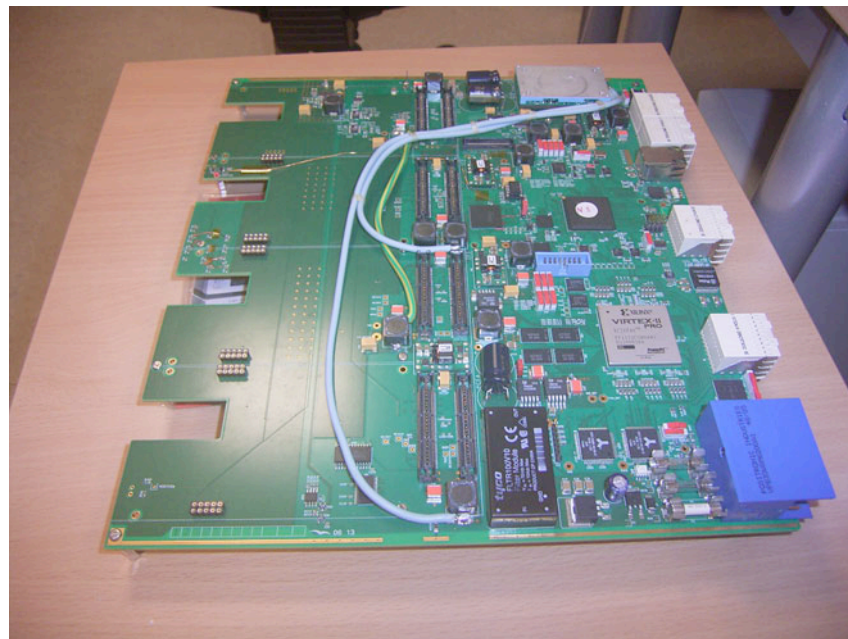
Redundant shelf manager units



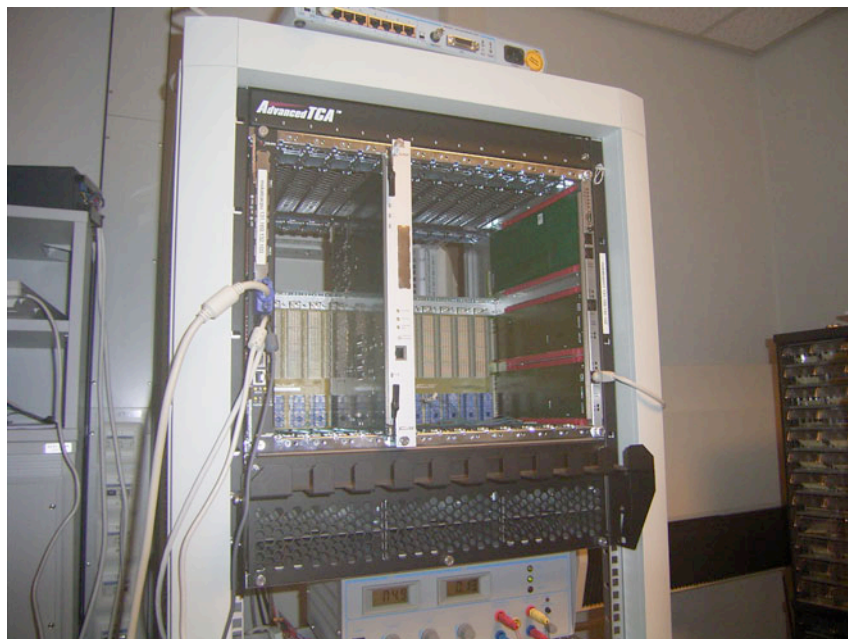
Redundant cpu と transition card



AMC carrier board by AGATA



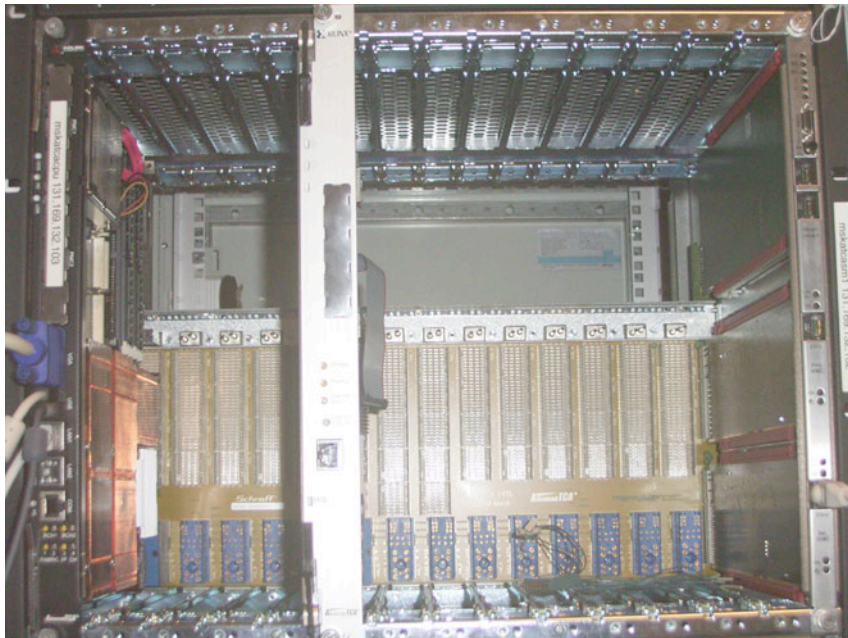
Carrier board for 4/8 AMCs



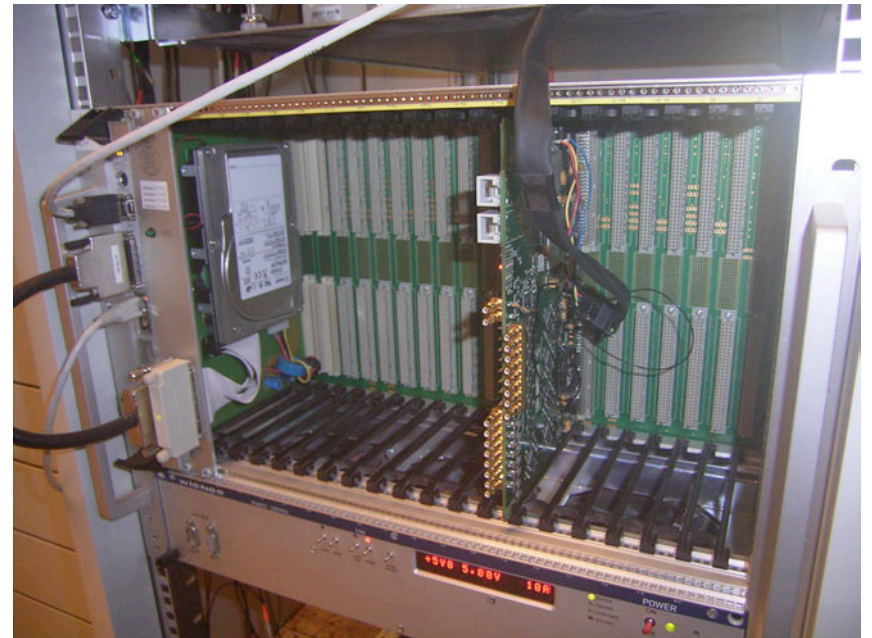
ATCA shelf と Xilinx test card



Non-redundant shelf



ATCA backplane



旧 VME Iirf prototype 開発



Stefan Simrock 氏と Organ

