

REVISED INDEX - DEC
RESOURCE ALLOCATION COMMITTEE

10185



MEMORANDUM TO: Resource Allocation Committee
Thomas F. Weiss, 36-857, 3-2594
Ed Balkovich

PROJECT ATHENA

FROM: Earll Murman
Date: December 20, 1985

Room E40-443
Massachusetts Institute
of Technology
Cambridge, MA 02139
(617) 253-1300

This memo is to bring you up-to-date on the final results from the proposals we reviewed in November. Attached is the final version of the Index showing the proposals submitted and funded. Proposal 13 was restructured to reflect the committee criticisms. It is now known as the Drake/Moriarty project. Rosen's proposal was cut back considerably and focused on an implementation this spring to get some experience and demonstration.

Also attached is the total allocation to date. In addition, we have committed to five application programmers totaling \$750,000 for three years.

Professor Tom Weiss has agreed to join the committee replacing Professor Herman Haus. We are working on getting two students back on the committee by the next round.

The next round of proposals are due February 1, 1986 for funding starting in June. It would be helpful to bring this to the attention of your departmental colleagues who might be interested. Notices will appear in Tech Talk. The review procedure used this time seemed reasonably efficient and we will use it again.

Finally, I formed two subcommittees to advise Athena staff on allocation of application programmers and development clusters. The subcommittee for application programmers consists of Steve Lerman (Chair), Ulrich Suter and Gregory Baecher. The subcommittee for development clusters is Derek Rowell (Chair), Alan Nelson and Jake Kerwin.

EM:cs

Attachments

November 12, 1985

ATHENA PROPOSALS

School of Engineering

Note: * reflects a previously funded project

No.	Investigator(s) and Affiliation	Title	Requested Budget	Recommendations
* 1	T. Knight D. Troxel EE/CS	Digital Design Tools	\$30,500	Funded
2	R. de Neufville Civil Engineering	1.101 Decision Analysis Laboratory	\$36,920	Funded
3	P. Bristowe B. Wuensch R. Balluffi Materials Science and Engineering	Computer-Aided Teaching of Crystal Structure, Crystal- lography, and Crystal Defects	\$20,896	Funded
4	K. Johnson Materials Science and Engineering	Microcomputer Applications of Quantum Mechanics to the Electronic Structures of Atoms, Molecules, and Solids	\$28,634	Funded
5	G. Beretta Mechanical Engineering	Interactive Drawing of Thermo- dynamic Charts	\$20,000	Not funded
6	Chryssostomidis N. Patrikalakis M. Drooker Ocean Engineering	Geometric Modeling in Computer- Aided-Engineering Design	\$70,720	Not funded
* 7	J. Smith, Jr. G. Russo Mechanical Engineering	C A T - A New Methodology of Computer Aided Thermodynamics	\$21,356	Funded
8	D. McLaughlin Civil Engineering	Graphical An- alysis of Spatially Vary- ing Environmental Fields	\$62,441 \$44,254	Not funded

9	M. Rosen Mechanical Engineering	Development and Evaluation of a Design Student's Spread- sheet	\$52,655	Fund \$16,877
10	Y. Sheffi J. Uppgren Civil Engineering	Computer Appli- cations to Engine- ering	\$34,336	Not funded
*11	L. Gould EE/CS	Revision and Port of the 6.302 Control Package	\$ 1,200	Funded
12	S. McNeil Civil Engineering	Implementation of Problem Sets and Case Studies on Statistical Applications to Civil Engineering	\$17,232	Funded
13	A. Drake EE/CS E. Moriarty	Computer-Based Education Tools for Probability and and Statistics	\$108,446	Funded
*14	A. Schor S. Free Nuclear Engineering	Development of the Dynamic Simulator for Nuclear Plants (DSNP) as an Edu- cational Tool of Nuclear Engineering	\$11,769	Funded

December 19, 1985

Funding To Date

DEC Resource Allocation Committee

February, 1984	\$252,500
May, 1984	247,040
September, 1984	20,965
Interim	127,418
April, 1985	565,356
Interim	16,819
November, 1985	293,830
TOTAL	<hr/> \$1,523,928