Application form for Supercomputing Consortium for Computational Materials Science at IMR, Tohoku University

|  |  |
| --- | --- |
| Principal researcher name |  |
| Institution/Organization |  |
| E-mail |  |
| Telephone |  |
| Research subject |  |
| Requisite node-hour  (Less than 200,000 node-hour) |  |
| Assign issue administrator who manages the allocated node-hour  \* account application is required |  |
| Maximum number of nodes for your program |  |
| Maximum memory size for your program |  |
| Requisite disk space |  |

Project participants （Add frames as needed.）

|  |  |
| --- | --- |
| Name |  |
| Institution/Organization |  |
| E-mail |  |
| Telephone |  |
| Name |  |
| Institution/Organization |  |
| E-mail |  |
| Telephone |  |
| Name |  |
| Institution/Organization |  |
| E-mail |  |
| Telephone |  |

Research contents (adjust the size of frame as needed)

|  |
| --- |
| Background, purpose, and outline (about 300 words) |
|  |
| Expected results (about 200 words) |
|  |
| Research plan (about 300 words) |
|  |
| Past achievements (about 200 words) |
|  |
| Program information |
| １）If you have run your program on any computer, write computer model name, CPU model number, maximum cores, maximum memory size, and amount of disk space.  ２）Performance against the theoretical peak performance (if you measured) .  ３）Parallel performance using Amdahl's law. |