



#### 4613 Committee

Siu-Wing Cheng (chair), Anthony Lin, Seok-Hee Hong, Giuseppe Liotta, Troy Lee, Marek Chrobak, Thomas Place, Xiaoming Sun

#### Conflicts of Interest

Siu-Wing Cheng (weak conflict)

#### Decision

Conference to be ranked as A

#### Justification

SOCG is on the list to be reviewed. It requests for rank A\*.

The PC is strong, involving a high proportion of established people who regularly publishes in SOCG. The median h index of the PC is 14. The selected top people often attend SOCG; a high proportion of them regularly publishes in SOCG. A lot of the area leaders (produced by a google scholar search with "computational geometry") also publish actively in SOCG. The author h index data compares favorably with corresponding author h index data of A/A\* conferences. The h5 index of SOCG is comparable to some of the A conferences. All members believe that the reputation of SOCG is at least as good as the A conferences.

The citation data lies between the corresponding data of B and C conferences. There is data shows that more than 50% of the journal versions from a sample of 94 papers appeared in very good journals. The journal versions of SOCG may be cited more often instead of the conference version. Some members believe that the reputation is the same as some other A conferences.

In an initial discussion, all committee members ranked SOCG A or above; however, there were different opinions on whether SOCG should be ranked A\* or not. Some felt that the scope of an A\* conference in theoretical computer science should be broader. Some also felt that an A\* conference should have higher citation data and h5 index when compared with other A conferences. In the end, everyone felt that SOCG is of rank A, but there was not a clear acceptance of SOCG to rank A\*.