

1116-18-1036      **Ben Cooper\*** ([cooper.ben.j@gmail.com](mailto:cooper.ben.j@gmail.com)), 1020 Church St, Iowa City, IA 52245. *On formal contact categories.*

To each oriented surface  $S$  we associate a differential graded category. The homotopy category is a triangulated category which satisfies properties akin to those of the contact categories studied by K. Honda. These categories are related to the algebraic contact categories of Y. Tian and the bordered sutured categories of R. Zarev. (Received September 16, 2015)