

SIG Proceedings Paper in LaTeX Format

Ben Trovato
Institute for Clarity in Documentation
P.O. Box 1212
Dublin, Ohio 43017-6221
trovato@corporation.com

ABSTRACT

This paper provides a sample of a \LaTeX document which conforms, somewhat loosely, to the formatting guidelines for ACM SIG Proceedings

ACM Reference format:

Ben Trovato. 2016. SIG Proceedings Paper in LaTeX Format. In *Proceedings of ACM Conference, Washington, DC, USA, July 2017 (Conference'17)*, 2 pages.
DOI: 10.1145/nnnnnnn.nnnnnnn

1 INTRODUCTION

It has been estimated that 50 million dengue cases infect people per year and there are approximately 2.5 billion people living in dengue-prone areas (tropics and urban settings). The number of dengue cases have been higher than ever. In 1955-1959 only 908 cases of dengue were recorded. A very steep rise in just a span of 60 years. This is mostly caused by the rise in population and having more dense urban living space.

The main vector for the dengue virus, mosquito *Aedes Aegypti*, has adapted to the conditions of urban areas in humid and temperate countries. In locations where clear water is abundant and its temperature is just right, the female *Aedes* lays her eggs. Studying the vectors in this certain environment can be helpful in the planning and mapping of the locations of prime breeding locations and "hotspots" for female *Aedes*. Having this ability means being able to control *Aedes* population.

Models which utilize spatial aspects and also include time in their construction makes control more efficient. MOMA (Model Of Mosquito Aedes) is a model developed with space and time in mind and also utilizes the geographical outline and formation of a certain neighbourhood. This model uses Geographical Information Systems and Agent-Based Models for mapping the objects in this environment and the latter for giving the *Aedes* mosquito detailed behaviour

Permission to make digital or hard copies of all or part of this work for personal or classroom use is granted without fee provided that copies are not made or distributed for profit or commercial advantage and that copies bear this notice and the full citation on the first page. Copyrights for components of this work owned by others than ACM must be honored. Abstracting with credit is permitted. To copy otherwise, or republish, to post on servers or to redistribute to lists, requires prior specific permission and/or a fee. Request permissions from permissions@acm.org.

Conference'17, Washington, DC, USA

© 2016 ACM. 978-x-xxxx-xxxx-x/YY/MM...\$15.00

DOI: 10.1145/nnnnnnn.nnnnnnn

2 THE BODY OF THE PAPER

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra enim. Curabitur sed elit erat. Fusce vitae tincidunt purus. Nulla et finibus orci. Etiam faucibus nec nulla vel facilisis. Pellentesque non mauris sed quam blandit dignissim. Maecenas nulla urna, finibus ut justo convallis, mollis tempus diam. Etiam lacinia gravida risus, et suscipit ligula rutrum ut. In ut dictum felis. Etiam ac egestas turpis. Proin enim ante, pharetra a ultrices sit amet, congue sit amet est.

2.1 Type Changes and Special Characters

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra enim. Curabitur sed elit erat. Fusce vitae tincidunt purus. Nulla et finibus orci. Etiam faucibus nec nulla vel facilisis. Pellentesque non mauris sed quam blandit dignissim. Maecenas nulla urna, finibus ut justo convallis, mollis tempus diam. Etiam lacinia gravida risus, et suscipit ligula rutrum ut. In ut dictum felis. Etiam ac egestas turpis. Proin enim ante, pharetra a ultrices sit amet, congue sit amet est.

2.2 Math Equations

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra enim. Curabitur sed elit erat. Fusce vitae tincidunt purus. Nulla et finibus orci. Etiam faucibus nec nulla vel facilisis. Pellentesque non mauris sed quam blandit dignissim. Maecenas nulla urna, finibus ut justo convallis, mollis tempus diam. Etiam lacinia gravida risus, et suscipit ligula rutrum ut. In ut dictum felis. Etiam ac egestas turpis. Proin enim ante, pharetra a ultrices sit amet, congue sit amet est.

2.2.1 Inline (In-text) Equations. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra enim. Curabitur sed elit erat. Fusce vitae tincidunt purus. Nulla et finibus orci. Etiam faucibus nec nulla vel facilisis. Pellentesque non mauris sed quam blandit dignissim. Maecenas nulla urna, finibus ut justo convallis, mollis tempus diam. Etiam lacinia gravida risus, et suscipit ligula rutrum ut. In ut dictum felis. Etiam ac egestas turpis. Proin enim ante, pharetra a ultrices sit amet, congue sit amet est.

2.2.2 Display Equations. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra enim. Curabitur sed elit erat. Fusce vitae tincidunt purus. Nulla et finibus orci. Etiam

faucibus nec nulla vel facilisis. Pellentesque non mauris sed quam blandit dignissim. Maecenas nulla urna, finibus ut justo convallis, mollis tempus diam. Etiam lacinia gravida risus, et suscipit ligula rutrum ut. In ut dictum felis. Etiam ac egestas turpis. Proin enim ante, pharetra a ultrices sit amet, congue sit amet est.

2.3 Citations

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam suscipit mauris id imperdiet fringilla. Vivamus ut pharetra en