

LABORATOIRE DE PHYSIQUE UMR CNRS 5672



Subject: Recommendation letter for Dr. Florence Tama

Lyon, December 2004, the 2th

To whom it may concern,

I met Dr. Tama in 1996, as a student in Paul Sabatier University (Toulouse, France), during her pre-doctoral year (D.E.A). I then co-directed her Ph.D. thesis, with Florent-Xavier Gadéa, from the Quantum Physics Laboratory (Toulouse), where I was working at that time, and professor Nobuhiro Go (Kyoto University, Japan), who is one of the founders of our field.

Dr. Tama spent half of her Ph.D. time in Kyoto and the other half in Toulouse, by sixmonth periods. During her Ph.D. thesis, in Toulouse, she successfully worked on simple protein representations (noteworthy, a simplified version of Tirion's model) as well as on the development of a new method, called RTB, that allows for the calculation of the normal modes of very large systems, even when they are described at the atomic level, using standard force fields for instance.

Since her Ph.D., Dr. Tama has been working in Charlie Brooks group, one of the developers of the CHARMM package, and a former post-doctoral student of Martin Karplus (Harvard University), another founder of our field. There, she has been working on numerous improvements and applications of the methods she developed during her Ph.D. thesis, noteworthy, in order to help interpreting low-resolution electron density maps.

Dr. Tama is a very determined person, particularly full of energy and hard worker. She is both cleaver, efficient and adapts herself easily to new environments where she is able to establish rapidly fruitful collaborations.

I sincerely think that Dr. Tama has now become a bright researcher. So, it is a pleasure for me to recommand her to you very strongly.

Sincerely yours,

Dr. Yves-Henri Sanejouand,

e-mail: Yves-Henri.Sanejouand@ens-lyon.fr.