Camilla Pisani

Early Stage Researcher / Aarhus University

Introduce yourself

I obtained my Bachelor and Master degree in Mathematics at the University of Tor Vergata, in Rome. After that, I moved to Aarhus, in Denmark in order to start my PhD in Quantitative Finance. I did the PhD as a fellow of the HPC Finance.
My PhD thesis focuses on the modelling of volatility and correlation in financial markets, which are my main research interests. Applications to volatility derivatives and FX rates are also studied.

What is your working status right after the programme?

My PhD contract expired in December 2015. In February, I started working as Assistant Risk Manager in the bank Nordea, in Copenhagen.

What are your professional plans (short-term and long-term)?

At the moment, my professional plans are to form myself as risk manager and gain some experience in the industry. In the long run, I would like to establish myself in a bank or a financial institution.

How did you hear about this project?

I heard about it from a professor.

"The project gave me the possibility to attend various good courses and to give presentations in high-level conferences."

Why did you decide to participate in this project?

I decided to participate in this project as I considered it to be a good and challenging opportunity in order to gain some knowledge in finance and get some experience abroad. I found interesting and stimulating the fact that I would have travelled, attending conferences and courses around the world and making experiences in different universities.

Tell us about your project

The goal of my project was the studying of financial models, with focus to the modelling of the volatility surface.
In the past 3 years, I attended courses at Aarhus University and abroad, organized inside and outside the network. I performed various teaching activities in the courses of Mathematics and Financial Engineering. I have also been supervisor of a Bachelor thesis.
Moreover, I participated to various conferences, both as an attendant and as a speaker. Among others, I have been presenting my research at the Bachelier conference, the QMF conference and in a special session of the Global Derivatives, dedicated to young talents. I did various "secondments" (periods abroad visiting partner of the network): at TUT, Maastricht University and Malaga University. I have also been for a research period at Imperial College, in London. Finally, I completed my PhD thesis entitled "Volatility and Correlation in Financial Markets: Theoretical Developments and Numerical Analysis", which I will defend the 30th of March.

What is the greatest part of this project? What have been the benefits and highlights?

The main advantage of the project has been the possibility to travel and meet various people, both from the academia and from the industry. This has widely broadened my network.
In addition, the project gave me the possibility to attend various good courses and to give presentations in high-level conferences. This opportunity has widened my knowledge and improved my presentation skills, which have definitely impacted my career in a positive direction.

Would you recommend the Marie Curie Actions to other researchers?

Based on my experience, I would definitely recommend it.

Any tips to apply for the fellowship?

Make a plan of the future goal/objectives and expose them in a simple and clear way. I think it is important to have a starting research plan. It is also important to show determination and dedication to the research.

Any tips to complete the project and submit required deliverables according to the requirements?

My main tip is to work hard, trying, at the same time, to enjoy what one is doing. Moreover, it is important to talk and share doubts and opinions with other people: both more experienced ones, who may guide to the right direction, and other early stage researchers who probably have our same issues and problems.

Kossi Gnameho

Early Stage Researcher / Maastricht University

Introduce yourself

Background : Quantitative Economics.
Research interest: Statistic, Econometric, Financial and actuarial mathematics.

How did you hear about this project?

I have discovered the HPCFinance project during a research online. I have heard previously about the European commission Marie Curie projects at a banking conference in Paris.

Why did you decide to participate in this project?

Since the 2008 financial crisis, the financial and insurance sector and its regulation has become a major public concern. It was a great opportunity to learn and develop advanced techniques for the risk management in this economy, especially financial and insurance sectors.

Tell us about your project

The goals of the project are conception and designing novel numerical methods so solve pricing and hedging problems arising often in finance or insurance.

I have attended many events of HPCFinance project and some conferences in banking, finance and insurance sectors across Europe and Canada to exchange my knowledge and ideas related to my work.

This summer in June 2016, I am going attending the PIMS Summer School in Mathematical Finance in Edmonton and Toronto. It will be also a great opportunity to present some of my works and exchange ideas with patricians and academicians from the private and the public sector coming from all over the world.

"Marie Curie Actions ITN network it is very great opportunity for young graduated students or researchers to build their careers locally and internationally."

Would you recommend the Marie Curie Actions to other researchers?

The Marie Curie Actions ITN network it is very great opportunity for young graduated students or researchers to build their careers locally and internationally. This project gathers patricians, young researchers, Professors across Europe to collaborate and work together. In the network, it is very open minded and we learn a lot from each other.

Do you have any further comment or suggestion for Marie Curie Actions?

It was difficult for some of our colleagues who are non-EU national to implement easily their works. I will suggest to the commission that, those fellows should be given an EU residence permit card for the duration of their work which will allows them to be able to move easily, work efficiently and implement their work across the EU during their project; this will help them to share their competence and knowledges across the EU as well.

We can notice that, unfortunately, some of the cooperation with some partners within the project have been changed or are not implemented due to the special problem of residence permit or too strict local law.

A local temporary residence permit scheme is too restrictive for non-EU national and obstructs too much their free movement and exchanges within the EU.

Maastricht University

Grzegorz Kozikowski

Early Stage Researcher / The University of Manchester

Introduce yourself

Background: I graduated with a Bachelor and Master degree in Computer Science from Warsaw University of Technology. I was working as a Junior Consultant at IBM Global Business Services and IBM Software Group department located in Warsaw, Poland.

Research interest: Risk Management, Monte-Carlo simulation, Local and Global Optimization, Automatic Differentiation, High-Performance Computing

What is your working status right after the programme?

PhD student

What are your professional plans (short-term and long-term)?

Research career development with a focus on financial risk management.

How did you hear about this project?

I attended an International Conference on Applied Parallel and Scientific Computing, PARA 2012 in Helsinki where I met HPCFinance representatives. During the conference I discussed a potential application of the presented work to risk management.

Why did you decide to participate in this project?

The project was an excellent way to further develop and apply the work implemented throughout Bachelor and Master studies to research and industry. This was a great opportunity to work on the research project abroad. The project allows gathering a working experience in an international environment and collaborating with other universities in Europe.

Tell us about your project:

The project aims at performance and accuracy improvement in solving financial risk management problems by using modern high-performance technologies and numerical methods. Within the scope of the project is a performance comparison of different high-performance computing platforms. In the past 3 years, I developed the high-performance software for financial analytics to model derivatives instruments, calculate Value at Risk and calibrate the models to the market-data.

During the HPCFinance project I have given many presentations on risk management, high-performance computing at the international conferences.

As an outcome of my project, I built a high-performance framework for Financial Risk Management using modern numerical methodologies in industry as Automatic Differentiation, Multilevel Monte-Carlo methods. The software utilizes high-performance technologies such as FPGAs, GPUs, multi-core CPUs. This improves performance and accuracy in risk management problems as Derivatives Pricing, Value at Risk computation for investment portfolio management, the Greeks' calculation and model calibration.

What is the greatest part of this project? What have been the benefits and highlights?

During the EU Marie Curie HPCFinance project I had an opportunity to meet and collaborate with international research teams specializing in financial risk management and high-performance computing. I participated in and presented research work at international events and conferences.

How does the project boost your career?

Through the HPCFinance project I broadened knowledge on risk management and high-performance technologies. I acquired a lot of experience while working on the projects at the industrial HPCFinance partners as Aberdeen Asset Management, Numerical Algorithm Group and Maxeler company. During the academic year I was a Teaching Assistant at the University of Manchester where I was involved in teaching activities at labs.

I have given presentations on risk management and high-performance computing at the international conferences.

How does the project broaden your network?

During the project I collaborated with research teams from universities and industry. I keep in touch with research groups specializing in high-performance computing, risk management and applied numerical methods to finance as Automatic Differentiation methods.

"During the EU Marie Curie HPCFinance project I had an opportunity to meet and collaborate with international research teams"

How do you think of the mobility requirement of the project?

The mobility requirement is a good way to allow young researchers to cooperate with research groups in an international environment.

Is the project flexible?

The EU Marie-Curie programme is flexible. The secondments can be scheduled with the project partners and done within a three-year contract depending on the availability of the researcher and the associated institution.

Would you recommend the Marie Curie Actions to other researchers?

The Marie Curie action is a great opportunity for the first-stage researchers to develop an academic career path. This offers an excellent grant package to young researchers for research work and collaboration with other universities and industrial partners.

Any tips to apply for the fellowship?

Attending international conferences devoted to the specific research area at the first stages of the career.

MANCHESTER 1824
The University of Manchester

Igor Osmolovskiy

Experienced Researcher

Cambridge Systems Associates

Introduce yourself

Background: I am a senior research analyst programmer at Cambridge Systems Associates, which I joined in order to take part in the HPF project. Prior to joining the company, I worked as an IT professional providing financial solutions in banks and international consulting firms. I also worked as an IT director at a publishing house. I have an MSc and PhD in mathematics and theory of probabilities from Moscow State University.

Interests: Individual asset liability management, retirement planning, yield curve modelling, high performance computing, technical side of developing and implementing new models.

What is your working status right after the programme?

I stayed employed by the same company after the project was over for me in June 2015.

What are your professional plans (short-term and long-term)?

I'll continue working in this field. At some point would like to join some vigorous team having an ambitious goal to bring it to the result - working qualitative industry solution.

How did you hear about this project?

My university mate introduced the project to me.

Cambridge Systems Associates Limited

Igor Osmolovskiy

Why did you decide to participate in this project?
I wanted to deepen my knowledge in a relative field and increase my skills.

Tell us about your project?
The goal of the project was to make research in individual asset management and retirement planning area. High performance computing implementation.

I replaced a fellow for one year only, during which I introduced new investment strategy measure, implemented new more powerful solver and enhanced existing 3-factor yield curve model with unscented Kalman filter and Black correction. I

also took part in Final HPCRinance conference and collaborated with NAG.

Outcome of your project
Co-Author in 2 papers:

1) M A H Dempster, Dwayne Kloppers, Elena Medova, Igor Osmolovskiy & Philipp Ustinov (2016). Lifecycle goal achievement of portfolio volatility reduction? Journal of Portfolio Management 42.2 99-117

2)M A H Dempster, Elena Medova, Igor Osmolovskiy & Philipp Ustinov (2015). A Practical Robust Long Term Yield Curve Model, SSRN

How does the project boost your career?
I got more accurate experience in certain area.

How does the project broaden your network?
Unfortunately as I joined the project only at its last year and all the events were held in the first year I got the possibility to get acquainted with other participants only during the last HPC conference, except an Aberdeen fellow who made a visit to Cambridge before.

How do you think of the mobility requirement of the project?
That gave me an opportunity to participate in the project.

Is the project flexible?
Quite flexible.

Would you recommend the Marie Curie Actions to other researchers?
Yes.

Any tips to apply for the fellowship?
Your background should be relevant.

Any tips to complete the project and submit required deliverables according to the requirements?
Start in advance :)

Do you have any further comment or suggestion for Marie Curie Actions?
I would suggest project's events to be more equally distributed in time so that those joining later could also take part in them and widen their network.

Jun Hu

Early Stage Researcher / Tampere University of Technology

Introduce yourself
Background: BSc in Physics, MSc in Finance
Research interest: Option pricing

What is your working status right after the programme?
Finishing doctoral dissertation.

What are your professional plans (short-term and long-term)?
Industry jobs

How did you hear about this project?
Euraxess website

Why did you decide to participate in this project?
The research project match my interest very well.

Tell us about your project?
The goal of my project was to develop new numerical methods for option pricing. In the past 3 years, I have focused on **e**xpansion methods for European options under stochastic volatility models, and American options under the Black-Scholes model. In addition, I have took part in all HPCFinance events and conferences.

The outcome of my project is 1 journal publication, 1 working paper and of course, my dissertation.

How does the project boost your career?
The project gives me a chance to understand the subject of option pricing deeply.

How does the project broaden your network?
In this project, fellows meet often to discuss their research.

How do you think of the mobility requirement of the project?
Good, it encourages international collaboration.

Is the project flexible?
Yes.

Would you recommend the Marie Curie Actions to other researchers?
Yes.

Do you have any further comment or suggestion for Marie Curie Actions?
Please continue funding fundamental research in Finance.

Philipp Ustinov

Experienced Researcher / Cambridge Systems Associates

Introduce yourself

I have graduated from Moscow State University in 2005. I've completed my Ph.D. "Disorder problem for Levy processes in a generalized Bayesian setting" (under supervisor RAS academician Albert Shiryaev) in 2009. In 2009-2013, I've worked in a quantitative analyst position for a prop trading company.

I've also consulted the company "QuantRiver Systems" developing software for some of the biggest asset management companies in Moscow. In June 2013, I've become HPCFinance fellow at Cambridge Systems Associates.

What is your working status right after the programme?

I work at Cambridge System Associates in a senior analyst position (March 2016).

What are your professional plans (short-term and long-term)?

In the short term I would like to apply the knowledge I gained in the project for the public benefit, e.g. by developing better automatic advice tools (Robo-advisors). In the long term, I would like to deepen my understanding of how financial world works and hope to use this knowledge to create something fruitful.

How did you hear about this project?

I've learned about it through my friend in the academic circles.

Why did you decide to participate in this project?

I was looking for some change because research in a prop trading firm is done mostly for internal consumption and not for sharing. Also I thought I need to broaden my knowledge and network, as previously the circle of researchers I could discuss my research with was rather narrow.

Tell us about your project

I actively participated in both work packages at Cambridge Systems Associates. My own project was mainly about developing a robust yield curve model, as annuity calculations and asset liability problems depend on a good yield curve model. I and Igor Osmolovskiy have applied the Black correction for the 3-factor yield curve model, making use of the Numerical Algorithms Group Unscented Kalman filter .

I have looked at a variety of approaches, as this (issue of the lower bound) was a hot research topic recently. We have collaboratively (with CSA principals) wrote a paper "A robust approach to the yield curve modeling".
I have also worked a lot on the individual asset liability management product, iALM, first with Wajdi Tekaya and then with Igor Osmolovskiy.

There were many different facets of this work: familiarizing myself with the existing quite complex product, updating and calibrating the economic scenario generator, changing and adjusting iALM model etc. We have also spent a lot of effort on trying to explain and demonstrate the advantages of our approach compared to the standard static mean variance optimization - that led to a paper "Life Cycle Goal Achievement or Portfolio Volatility Reduction?" written together with my colleagues at CSA and with Dwayne Kloppers of Alexander Forbes. Our approach takes into account the future decisions and that leads to a computationally challenging problem, so we've worked on parallel solution techniques.

In addition, I have visited the HPCFinance events and many seminars and conferences at the University of Cambridge.

Cambridge Systems Associates Limited

"I think that the mobility requirement of the project is definitely a very good thing, because it facilitates learning and new experiences."

What is the greatest part of this project? What have been the benefits and highlights?

The greatest part of the project was learning about new things. One of the most important parts was learning about the approaches long advocated by CSA and its principal, Professor Michael Dempster, especially dynamic stochastic programming. Not that many people in the financial industry I've encountered are familiar with it, so I think they miss a lot of opportunities.

In hindsight, I can point to least 3 interesting applications for dynamic stochastic programming in my previous job.

I've also met many brilliant researchers within HPCFinance, through the network and in Cambridge. Although this was an ITN, so some training was specifically designed for the Ph.D. students, many of these were very helpful to me - for looking at finance at a different perspective.

I think that the mobility requirement of the project is definitely a very good thing, because it facilitates learning and new experiences. I was the only person in the beginning of the HPCFinance project that was married (with 2 kids!) but the project and CSA helped us move to Cambridge.

I think that the project can boost my career significantly, because I've learned new techniques (e.g. yield curve modeling), opened my eyes to other sides of the financial industry (like pension planning) and co-wrote 2 papers.

Would you recommend the Marie Curie Actions to other researchers?

I would definitely recommend the Marie Curie Actions for other researchers should an opportunity present itself.

Any tips to apply for the fellowship?

I think it is important to look into the work of the supervisors you are applying to, and decide if it is interesting to you. Place of the hosting organization is important also - I don't have any complains about Cambridge, it is a wonderful place!

Any tips to complete the project and submit required deliverables according to the requirements?

Discuss the plan on deliverables etc. with your supervisors in advance.

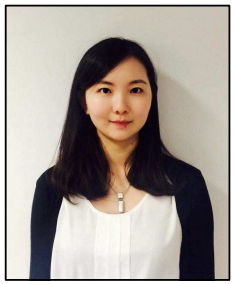
Do you have any further comment or suggestion for Marie Curie Actions?

I think that this program can be very beneficial to researchers. I have, though, several criticisms. I think it is a little excessively bureaucratic : a lot of rules and guidance, which are sometimes not easy to make sense of (especially for researchers from outside the EU). I saw that many researchers learned many essential things only at the mid-term meeting through the EU officer.

Another thing: UK visa is not easy to arrange, especially with some seemingly conflicting requirements of the Marie Curie (mobility requirement) and UK law (resident labour market test) and I wished there was more advice on that. Or the fact that my contract was exactly 2 years and the visa was exactly 2 years, so I had to apply for visa twice during the project.

Hanxue Yang **Early Stage Researcher**

Tampere University of Technology



Introduce yourself

Background: I obtained my Bachelor degree in Mathematics and Applied Mathematics at Fudan University and my master degree in Financial Mathematics at University of Edinburgh and Heriot-Watt University. I was a PhD student at Tampere University of Technology in 2012-2015 and graduated in December 2015.

Research interest: My interests include financial models with jumps, opting pricing, and Bayesian Markov Chain Monte Carlo methods.

What is your working status right after the programme?

I was a Postdoctoral Researcher at Tampere University of Technology from 12.2015 to 04.2016. I will work in the risk management team at Morgan Stanley in Budapest from July 2016.

What are your professional plans (short-term and long-term)?

My plan is to work in a financial institution and understand how the banks manage their risks with financial models in practice.

How did you hear about this project?

I heard about it from a professor in my master programme.

Why did you decide to participate in this project?

My plan at that moment was to do further study in the field of Financial Mathematics as a PhD student and this project matched my research interests. Moreover, in this project I would have opportunities to participate in great training events and conferences.

Tell us about your project

The goal of my project was to discuss how to use stochastic volatility and Lévy jumps to capture the volatility and jump risks embedded in the option prices. I used the financial index and VIX data to estimate models and tested their performance in option pricing.
In the past three years, I published three papers on model comparison and Bayesian algorithms (jointly with Prof Kanniainen, Dr Martino, etc.). I graduated as a PhD in December 2016 and my doctoral thesis was about stochastic volatility models with jumps and Markov Chain Monte Carlo Estimation algorithms.
I participated all the training events and conferences organized by HPCFinance and did my secondments in Maastricht University and Bgator.

What is the greatest part of this project? What have been the benefits and highlights?

This project deepened my understanding of financial models and their application to option pricing and risk management, which would help me to establish myself in future work. Also this project was very flexible, and I was allowed to modify the topics of my project according to my interest. Another benefit was the funding of the project was very good, which allowed me to participate meetings and travel to other universities and work with my coauthors.

Would you recommend the Marie Curie Actions to other researchers?

Yes, I would recommend it to other researchers.

Any tips to apply for the fellowship?

It is important to know what topics you would like to work on and have a clear plan before the application, and as the project is just three-year, a good plan would benefit a lot after the project starts.

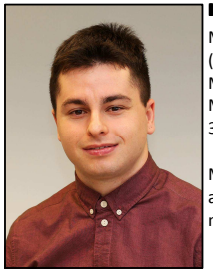
Any tips to complete the project and submit required deliverables according to the requirements?

Discuss with your supervisor about your research topics and deliverables at the beginning of the project and make a timetable for these deliverables.

TAMPERE UNIVERSITY OF TECHNOLOGY

Andrea Barletta

Early Stage Researcher / Aarhus University



Introduce yourself

My education consists of: BSc (Mathematics), 2010, University of Bologna (final grade 110/110 cum laude)
MSc (Mathematics), 2012, University of Bologna (final grade 110/110 cum laude)
Master Program in Quantitative Finance, 2013, University of Bologna (final grade 30/30)

My research interests are mainly in option pricing with strong focus on volatility derivatives and include the use of stochastic volatility models as well as non-structural methods.

What is your working status right after the programme?

I am temporarily enrolled as research assistant at Aarhus University.

What are your professional plans (short-term and long-term)?

In September 2016 I will start a 3 year post-doc financed by the Danish Council for Independent Research, still at Aarhus University. My plans after the post-doc are to pursue an academic career.

How did you hear about this project?

My MSc advisor informed me about this project.

Why did you decide to participate in this project?

I was planning to get a PhD abroad in a field related with mathematical finance. What attracted me most to this project is its great relevance within the industry.

"I would definitely recommend Marie Curies Actions to all young researchers seeking for mobility and internationalization."

Tell us about your project

The term volatility is traditionally referred to an indicator of market risk and in principle is not a tradable quantity. However, since the last three decades a progressively increasing interest has arisen around volatility and its meaning to investors has then changed to be treated today as an asset class. During the last three years I have carried out research to fill the existing gap left by literature as concerns efficiency and consistency of volatility derivative valuation models.

What is the greatest part of this project? What have been the benefits and highlights?

Being part of the HPCFinance network has brought me many benefits. On the one hand, the research problems addressed within the project are of great relevance also in the industry and therefore I believe that my visibility to employers in the field of quantitative finance has significantly increased thanks to this experience. Furthermore, the great amount of flexibility and mobility opportunities offered by the project enabled me to consolidate my individual research profile and my scientific network.

Would you recommend the Marie Curie Actions to other researchers?

I would definitely recommend Marie Curies Actions to all young researchers seeking for mobility and internationalization.

Any tips to apply for the fellowship?

After my experience in this network I would say that an eligible candidate for a similar fellowship should demonstrate strong flexibility, interdisciplinary and commitment to mobility.

Any tips to complete the project and submit required deliverables according to the requirements?

Drawing up a neat work plan in the very beginning of the project can make it relatively simple to achieve timely achievement of the planned milestones.

Jinzhe Yang **Early Stage Researcher**

Aberdeen Asset Management

Introduce yourself

Background: Bachelor of Engineering, Department of Computer Science & Technology, Tsinghua University; Master of Science, Information Technology, Hong Kong University of Science and Technology; PhD, High Performance Computing, Department of Computing, Imperial College

Research interest: Monte Carlo Methods in Finance, Risk Management, High Performance Algorithms, Programmable Devices, High Performance Devices

What is your working status right after the programme?

Suspend for a period of approximately 6 months, finishing PhD thesis, as well as remaining project of HPCFinance with Aberdeen Asset Management

What are your professional plans (short-term and long-term)?

Will work for China National High Performance Computing Centre for a period, and have collaboration with China Financial Futures Exchange (CFFEX)

How did you hear about this project?

Recommended by my PhD supervisor in Imperial College, Professor Wayne Luk.

Why did you decide to participate in this project?

Firstly, it matches perfectly with my purpose of having a PhD program in Imperial College, finding practical applications that have requirement of using different kinds of High Performance Computing technologies. Secondly, it is the unique program, not only haven't I heard of, but also my supervisor, or school officers haven't heard of a program that could provide an offer that working in industry and simultaneously taking his PhD degree. Thirdly, Doctor Erik Vynckier, showed great patience to me during the interview, as I knew almost nothing about finance, and he aroused my real interest in Finance that encouraged me to participate such a challenging, unique and fruitful program.

Tell us about your project

The aims of the project was providing HPC solutions for risk management applications in Finance. Firstly, for existing applications, I provide HPC solutions on different platforms and benchmark between platforms, investigate what makes the different. Secondly, for real world trading requirement in Aberdeen Asset Management, I collaborated with Grigorios Papamanousakis, who is my colleague in AAM and also my colleague from the same EU project. We build a Potential Future Exposure framework, implement and benchmark between different HPC platformsts. I Participated almost all the events inside HPC Finance network. As an outcome the project, we provide application that could be used by AAM for real trading, Potential Future Exposure Framework

How does the project boost your career?

The project provides me working experience before I finish my PhD program, which makes me more convincible for employers compared with other competitors, and the working experience introduces me a better understanding to the finance industry that leads me a better career plan.

How does the project broaden your network?

The inner events of HPCFinance, the communications with other Marie Curie projects (e.g. STRIKE, etc), the external events that I participated, presenting the work I have done inside HPCFinance, all receives very good feedbacks from both academic and industry, either inside UK and international, so that I have built up a very diversify relationship with many people.

How do you think of the mobility requirement of the project?

The secondment requirement is one of the most incredible experience I have received in the past three years. I have the opportunity of working for a entire different company, witch provides me views from another side of the industry.

Is the project flexible?

Yes, and no. Yes, is because my company (employer) requires me to base in Edinburgh, and my school (for PhD) is in London, so I traveled between Edinburgh and London quite frequently. The understanding and warm concern by AAM provides me a relatively flexible schedule, so that I could travel to London for my PhD progress. No, is because we have restricted requirements of the outcomes and also secondments.

Would you recommend the Marie Curie Actions to other researchers?

Of course YES, and it would be highly recommended. In fact, I have already recommended the Marie Curie actions to many of my friends.

Any tips to apply for the fellowship?

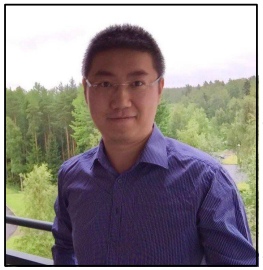
Maybe extending the program to 42 months is more convenient for oversea fellows, as the PhD program always cannot be finished within 36 months, and switching working visa to student visa in UK is a nightmare…

Do you have any further comment or suggestion for Marie Curie Actions?

Thank you so very much for organising such an amazing event, and it is my greatest privilege to be part of it.

Yue Ye **Early Stage Researcher**

Tampere University of Technology



Introduce yourself

I obtained my Bachelor in Mathematics at Central South University, China. I studied my first Master degree in Quantitative Economics at the Dongbei University of Finance and Economics in China, and My second Master degree in Financial Mathematics in Ulm University, Germany. After that, I moved to Tampere University of Technology, in Finland in order to start my PhD in Financial Engineering. I was also an early stage researcher of the HPC Finance. My PhD thesis focuses on the empirical impact of real time market announcements on assets returns, variance and jumps. I also consider joint modelling market announcements and traditional models of volatility and returns.

What is your working status right after the programme?

My PhD contract expired in December 2015. I am working on my PhD dissertation.

What are your professional plans (short-term and long-term)?

My short professional plans are to gain some experience in the international financial industry. In the long run, I hope to join some financial innovation companies.

How did you hear about this project?

I heard about it from my classmate in Germany.

Why did you decide to participate in this project?

Three attractions: 1. Interesting research topic. 2. Great cooperation opportunities. 3. Training activities.

Tell us about your project

The goal of my project was investigate the impact of real time market announcements on asset risk measures, e.g. volatility and jumps. In the past 3 years, I attended courses at TUT and abroad, organized inside and outside the network. Moreover, I participated to various conferences. I did two "secondments" at Manchester University, and Aarhus University. I finished my project deliverables and My PhD thesis will be ready soon.

What is the greatest part of this project? What have been the benefits and highlights?

I think the main advantage of the project is the possibility to communicate with different researchers in and out of the networks, both from the academia and from the industry. This has widely broadened my view and knowledge.
From the activities organized in this network, I gained the chance to understand the demand from industry, not only limit my views from a student. The mobility requirement is definitely necessary and excellent. Project is flexible enough.

Would you recommend the Marie Curie Actions to other researchers?

Based on my experience, I would definitely recommend it.

Any tips to apply for the fellowship?

Communicate with possible supervisors and know much about future research.

Any tips to complete the project and submit required deliverables according to the requirements?

Working hard with a clear research plan and sufficient discussion with experts and researchers are the two important tips by my experience.