

SIAM Student Chapter Final Report for 2014–2015 Academic Year (1 of 3)

Student Chapters receiving funds from SIAM are required to submit a final report of activities and finances by the end of academic year. Please complete final report, sign and submit to SIAM office by June 30, 2015. Please attach separate sheets of paper if additional space is needed.

Date of report:	<u>June 23, 2015</u>
Student Chapter:	<u>Charles University in Prague Chapter of SIAM</u>
Chapter Web site:	<u>http://siam.cuni.cz/en/</u>
Chapter Facebook Page:	<u>https://www.facebook.com/PragueSIAMSC</u>
Chapter Twitter Handle:	<u>@SIAMSCPrague</u>
Faculty Advisor:	<u>Josef Málek and Zdeněk Strakoš</u>

Please check Chapter listing on SIAM Web site www.siam.org/students/chapters/current.php and report any changes below or email revisions to snell@siam.org.

New officers: president, secretary, and treasurer

Demographic of Chapter Membership

		Departments			
Member type		Mathematics	28	Gender	
Undergraduates	28	Applied Mathematics	16	Male	40
Graduate Members	26	Physics	8	Female	16
Faculty Members	2	Computer Science	2	Total Members	56
Total Members	56	Other	2		
		Total Members	56		

Report on Chapter Election

Date of Election: June 10, 2015 to elect officers to serve term from July 1, 2015 to June 30, 2016. Please provide office, name & email address of all officers elected to serve.

President:	<u>Jan Kuřátko, kuratko@cs.cas.cz</u>
Vice President:	<u>Marek Netušil, marek.netusil@gmail.com</u>
Secretary:	<u>Marie Kubínová, kubinova@cs.cas.cz</u>
Treasurer:	<u>Monika Balázsová, b.moncsi@gmail.com</u>
Webmaster:	<u>Petr Lukáš, luk.p@post.cz</u>

Chapter Highlights

Please describe at least one activity in detail that might be a good idea to share with other chapters, suitable for posting on the SIAM website or SIAM Student Chapter Facebook page. (Please attach a separate sheet of paper if additional space is needed.)

The detailed description with photographs is attached on a separate sheet, see “Chapter Highlights”.

Report on Chapter Activities

Please provide complete description of all Chapter activities, including details on number & type of meetings with approximate number of attendees, name of invites speaker(s) & topic of presentation, contests, awards, field trips, etc. (Please attach a separate sheet of paper if additional space is needed.)

TITLE OF EVENT OR PRESENTATION: 3rd Symposium of the German SIAM Student Chapters
DATE OR EVENT OF PRESENTATION: August 28–29, 2014 NUMBER OF PARTICIPANTS: 4
SPEAKER, INSTITUTIONAL AFFILIATION: Officers of Charles University in Prague Chapter of SIAM

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: After the Workshop of SIAM SC Prague held in March 2014, we got an invitation to participate in the 3rd Symposium of the German SIAM Student Chapters. Our Chapter was represented by four officers that presented their own research results and informed on activities of Prague Chapter of SIAM.

TITLE OF EVENT OR PRESENTATION: Meeting with Undergraduate Students
DATE OR EVENT OF PRESENTATION: October 13, 2014 NUMBER OF PARTICIPANTS: ≈ 15
SPEAKER, INSTITUTIONAL AFFILIATION: Students of Faculty of Mathematics and Physics

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: Two officers of Prague Chapter of SIAM met with undergraduate students. The main purpose of this meeting was to provide students with information about study programs Mathematical and Computer Modelling in Physics and Engineering, and Numerical and Computational Mathematics.

TITLE OF EVENT OR PRESENTATION: Meeting with Candidates Applying for a Research Grant
DATE OR EVENT OF PRESENTATION: October 14, 16 & 29, 2014 NUMBER OF PARTICIPANTS: ≈ 20
SPEAKER, INSTITUTIONAL AFFILIATION: Students of Faculty of Mathematics and Physics

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: We helped prospective candidates to apply for a research grant within the Grant Agency of the Charles University especially designed to fund student research. Members of the Chapter and other students who already received the support gave the prospective candidates advice on what points to stress and what not to forget in their application. We held two meetings for students of mathematics and of computer science, and one additional meeting where students met the representatives of Faculty responsible for grant administration.

TITLE OF EVENT OR PRESENTATION: Meeting with Alumni – Martin Myšička
DATE OR EVENT OF PRESENTATION: November 26, 2014 NUMBER OF PARTICIPANTS: ≈ 30
SPEAKER, INSTITUTIONAL AFFILIATION: Martin Myšička, an actor in the Dejvice Theatre

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: We invited Martin Myšička who studied physics at our faculty and currently works in Dejvice Theatre as an actor. We were happy that he was willing to share his story of how he had become an actor. We also had a chance to talk about student life before the Velvet revolution in 1989. Details, photographs are attached in the “Chapter Highlights”.

TITLE OF EVENT OR PRESENTATION: Workshop on FEniCS Project
DATE OR EVENT OF PRESENTATION: February 9–13, 2015 NUMBER OF PARTICIPANTS: ≈ 30
SPEAKER, INSTITUTIONAL AFFILIATION: see the attached sheet “Chapter Highlights”

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: The Chapter organised a week-long workshop focused on programming in the FEniCS Project. The course was led by two members of our faculty, Jaroslav Hron and Jan Blechta who is one of the developers of the FEniCS Project. Details, photographs are attached in the “Chapter Highlights”.

TITLE OF EVENT OR PRESENTATION: Simulation tools development in Ricardo Software
DATE OR EVENT OF PRESENTATION: April 16, 2015 NUMBER OF PARTICIPANTS: ≈ 25
SPEAKER, INSTITUTIONAL AFFILIATION: see the attached sheet “Chapter Highlights”

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: Kateřina Márová, a MSc. student of our faculty who has a part-time position in the company Ricardo Software helped us to organise a meeting with three employees of the company. Ricardo Software develops simulation software tools that are used in particular in automotive industry. The speakers presented various software products and current trends in automotive software development. The students had a chance to ask about opened positions.

TITLE OF EVENT OR PRESENTATION: Field Trip
DATE OR EVENT OF PRESENTATION: April 29, 2014 NUMBER OF PARTICIPANTS: 6
SPEAKER, INSTITUTIONAL AFFILIATION: Laboratory in Průhonice, The Czech Academy of Sciences

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: We organised a field trip to a laboratory of paleomagnetism at the Institute of Geology of the Czech Academy of Sciences. It was a continuation of a talk given by Petr Petráček at our SIAM SC seminar. We had an opportunity to meet scientist from the field of geology and learn about methods and tools they use for measuring and acquiring magnetic materials from sediments. Details, photographs are attached in the “Chapter Highlights”.

TITLE OF EVENT OR PRESENTATION: Business Meeting
DATE OR EVENT OF PRESENTATION: June 10, 2015 NUMBER OF PARTICIPANTS: ≈ 15
SPEAKER, INSTITUTIONAL AFFILIATION: Chapter committee

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: At the business meeting we recalled the activities of the Chapter in the past year. We had time for summarizing our successes and for discussion what should be improved in the future. We have elected a new committee that will serve in the academic year 2015/2016.

TITLE OF EVENT OR PRESENTATION: SIAM SC Seminar
DATE OR EVENT OF PRESENTATION: two-week interval NUMBER OF PARTICIPANTS: ≈ 8
SPEAKER, INSTITUTIONAL AFFILIATION: Students of Faculty of Mathematics and Physics

EVENT DESCRIPTION OR PRESENTATION OF ABSTRACT: As in the last year we held a regular seminar for students interested in topics from applied mathematics. We managed to have eight seminars and three of them were given by researches working at different institutes. For further information and a complete list of talks see the attached sheet “Chapter Highlights”.

For SIAM NEWS

Please identify special Chapter activities that could be reported in SIAM News:

We would like to suggest the Workshop on FEniCS Project to be reported in SIAM News. The details and photographs are given in “Chapter Highlights”.

Detailed expenses

In the table we present in detail how much money we spent on each event for the refreshment from the entry *Food & Beverage*.

Event	Spent
Meeting with undergraduate students	\$20
Meeting with candidates applying for a research grant	\$41
Meeting with Alumni – Martin Myšička	\$40
Workshop on FEniCS Project	\$69
Simulation tools development in Ricardo Software	\$40
Business meeting	\$57
SIAM SC Seminar	\$150

For marketing, advertising, and promotion we have spent \$83 on pencils and hihglighters with the logo of our chapter. We did not use any money for printing the posters, leaflets, etc., because Faculty of Mathematics and Physics enabled us to print them free of charge.

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Please complete in US dollars

Chapter Name:

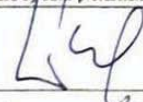
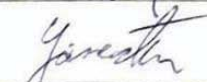
	COLUMN 1	COLUMN 2	COLUMN 3
	ACTIVITIES FUNDED BY SIAM	ACTIVITIES FUNDED BY OTHER SOURCES	TOTAL FUNDING FROM ALL SOURCES
INCOME			
SIAM funds received for 2013-2014	\$500.00		\$500.00
SIAM funds carried over from last year			\$0.00
Chapter dues (optional)			\$0.00
Department funds			\$0.00
Student activity funds			\$0.00
Other university funds			\$0.00
Corporate sponsorship (please specify*)			\$0.00
Other (please specify*)			\$0.00
TOTAL INCOME	\$500.00	\$0.00	\$500.00
EXPENSE			
Speakers at Chapter Meetings - travel expenses			\$0.00
Speakers at Chapter Meetings - honorarium			\$0.00
Food & Beverage	\$417.00		\$417.00
Supplies and printing			\$0.00
Marketing, advertising, promotion	\$83.00		\$83.00
Awards - not an allowable SIAM expense			\$0.00
Travel - define on separate sheet of paper - destination, # students, # faculty and brief purpose of trip			
a. One-day field trip (minimum four students) to industry, SIAM Section meeting, or regional SIAM student chapter conference)			\$0.00
b. Other travel - not an allowable SIAM expense: travel to meetings, conference registration, hotel			\$0.00
Other (please specify*)			\$0.00
TOTAL EXPENSE	\$500.00	\$0.00	\$500.00
(NET AMOUNT)	\$0.00	\$0.00	\$0.00

Unexpended funds remain the property of SIAM and may be returned to SIAM or may be reallocated to the chapter upon submission and approval of funding request for the following year.

FUNDING GUIDELINES

Allowable expenses include honoraria or travel for a speaker invited to address the chapter, light food and beverage at chapter meetings, copying and printing promotion information on the chapter and its activities; one day field trips (minimum four students) to industry, SIAM section meeting or regional SIAM student chapter conference. Any requests for travel must include details: destination, purpose of trip, and the number of student and faculty participants.

Non allowable expenses include awards, prizes, registration for conferences, individual travel to meetings, hotel accommodations. Please note that Chapter funds cannot be used for the attendance at SIAM meetings, other than a field trip as described above, nor to attend meetings organized by other professional societies. Other types of expenditures may be requested, but require prior approval.

SIGNATURE FACULTY ADVISOR 	DATE June 23, 2015
SIGNATURE CHAPTER TREASURER 	ADAM JANEČKA Adam Janečka NAME (PLEASE PRINT) CHAPTER PRES, SEC, OR TREAS

By June 30, 2015, please sign and submit pages 1, 2, and 3 to:

Nancy Snell, Membership Coordinator

Society for Industrial and Applied Mathematics (SIAM)

3600 Market Street, 6th Fl., Philadelphia, PA 19104-2688

Phone: +1-215-382-800 x 320 Fax: +1-215-386-7999 Email: nes@siam.org