

**São Paulo School of Advanced Science on  
Algorithms, Combinatorics and Optimization**

July 18 to 29, 2016

DOCUMENTO ANEXO

AO

RELATÓRIO CIENTÍFICO

SÃO PAULO SCHOOL OF ADVANCED SCIENCE ON  
ALGORITHMS, COMBINATORICS AND OPTIMIZATION

Processo no. 2015/19068-0

Responsável: Yoshiko Wakabayashi

Unidade: IME-USP

## RELATÓRIO CIENTÍFICO

SÃO PAULO SCHOOL OF ADVANCED SCIENCE ON  
ALGORITHMS, COMBINATORICS AND OPTIMIZATION

### SUMÁRIO

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Este documento contém informações adicionais àquelas apresentadas no Relatório Científico sobre a organização do **São Paulo School of Advanced Science on Algorithms, Combinatorics and Optimization (SPAS-ACO)**, que aconteceu no período de 18 a 29 de julho de 2016 na USP.

### Membros da comissão organizadora

Yoshiko Wakabayashi, USP (coordenadora)  
Carlos Eduardo Ferreira, USP (vice-coordenador)  
Marcel Kenji de Carli Silva, USP (vice-coordenador)  
Arnaldo Mandel, USP  
Cristina Gomes Fernandes, USP  
José Coelho de Pina Jr, USP  
Sinai Robins, USP  
Yoshiharu Kohayakawa, USP  
Guilherme Oliveira Mota, pós-doutorando USP  
Gabriel Coutinho, pós-doutorando USP  
Roberto Freitas Parente, doutorando USP

Além da equipe acima, os seguintes alunos de doutorado ou mestrado do IME-USP ajudaram na organização da Escola: Fábio Happ Botler, Rafael Santos Coelho, Renzo Gómez, Fabrício Caluza Machado, Giulia Satiko Maesaka e Henrique Stagni.

## 1. AVALIAÇÃO DA ESCOLA FEITA PELOS PARTICIPANTES

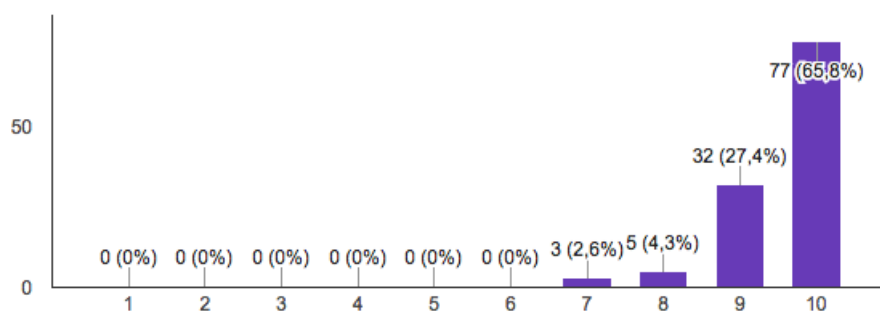
Esta seção consta no Relatório Científico. Reproduzimos essa seção, para que este anexo contenha alguma informação além do cartaz e das fotos que anexamos a este documento.

Os dados a seguir condensam as respostas ao Questionário sobre a avaliação da Escola, respondida por 117 participantes. Neste Questionário havia 13 questões de múltipla escolha e uma questão dissertativa, onde o participante podia expressar livremente a sua impressão geral da escola. Um total de 47 participantes emitiram comentários. Seleccionamos alguns deles e os apresentamos na página seguinte. Não recebemos comentários negativos.

Pergunta	Porcentagens por resposta			
Overall quality of courses and talks	excellent 76,9%	good 23,1%	ok —	poor —
Chosen topics were interesting and recent	strongly agree 74,4%	agree 25,6%	neutral —	disagree —
The contents of the courses were compatible with what was advertised	78,6%	20,5%	0,9%	—
The exercises helped to get a deeper understanding of the course material	46,2%	40,2%	13,7%	—
The teaching assistants and the classwork were helpful	38,5%	41,9%	19,7%	—
What did you think of the venue and overall infrastructure for the school	very good 84,6%	good 14,5%	ok 0,9%	poor —
How much off-class time did you put into each of the courses?	< 1 hour 24,8%	1 – 3 hours 63,2%	> 3 hours 12%	
The courses will be useful for your research?	for sure 50,4%	likely 46,2%	unlikely 3,4%	
Have you met probable collaborators?		31,6%	57,3%	11,1%

Pergunta	Porcentagens por resposta									
	1	2	3	4	5	6	7	8	9	10
How many talks did you attend?	6,8%	12,0%	14,5%	24,8%	25,6%	16,2%				
How many courses did you attend?	0,9%	1,7%	6,8%	11,1%	45,3%	17,9%	12%	1,7%	0,9%	1,7%
Assess your overall learning throughout the courses (10 is best)			0,9%	1,7%	3,4%	18,8%	28,2%	29,7%	6,8%	11,1%

### Assess the overall quality of the school organization (117 respostas)



- *“The school was an amazing experience. I learned a lot and met many people, whom I expect to collaborate in the future. I think the organizers did an amazing job. Thanks for everything!”*
- *“The school was absolutely pertinent. Amazing organization and very meaningful topics. Thank you for the financial aid and for the courses that gave me a clear sight about current research directions”.*
- *“I wish opportunities like this happened more often in SP”.*
- *“It was really excellent. The courses were all a little too advanced for me (which is perfect!) so I don’t think I learnt anything near everything that was taught. However, I got a feel of which tools might be useful for what, which probably matters more. I also met a lot of people and made friends”.*
- *“The school is great! And I can see the organizers payed great effort on it. I sincerely appreciate the financial support as well as the organizers’ effort to make this fantastic school!”*
- *“Very friendly atmosphere, perfect organisation”.*
- *“There could be more schools like this”.*
- *“I want to praise the excellent idea of scheduling the courses so there were no overlaps between them”.*
- *“The organizers have put so much time into it, and have thought about a single little detail; which made the school incredible and unforgettable experience for us. Thank you organizers for your hard work, bringing top researchers to school for us to learn from, willingness to help whenever we had questions, for delicious snacks in the afternoons, for your smiles and enthusiasm despite being tired, I really appreciate it all”.*
- *“Thank you to sponsors of this program for your generosity; it wouldn’t have been possible for us to fly from this far to participate without your generous financial support.”*
- *“It was an excellent school, plenty of interesting talks and interesting people. Hopefully there will be new versions of the school in the future, I think it’s a very good opportunity for the people working in the region to meet and get to know each other”.*

## 2. ALGUMAS FOTOS DA ESCOLA

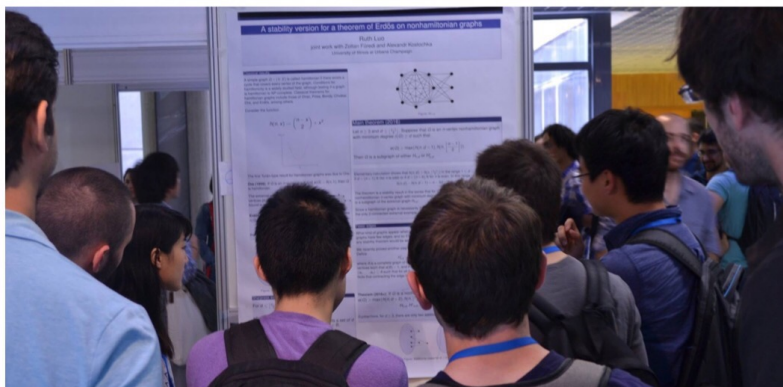
Apresentamos a seguir algumas fotos tiradas antes ou durante a Escola. A primeira delas mostra o CDI (Centro de Difusão Internacional), local onde foi realizada a Escola.

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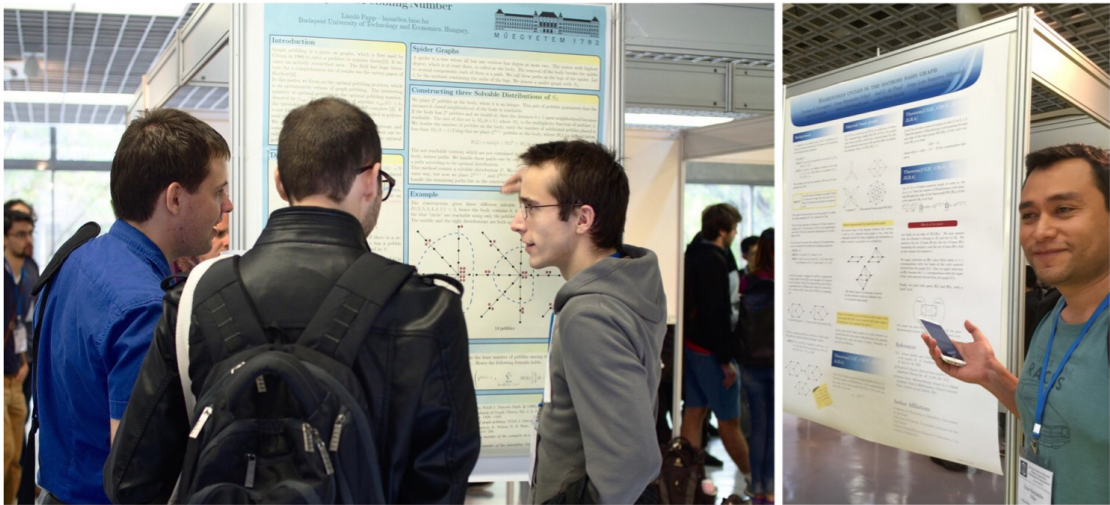
# SP School of Advanced Science on ACO

July 18-29, 2016 USP, Brazil

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São Paulo School of Advanced Science on ACO, July 2016  
Poster sessions





THERE ARE SO MANY  
*Beautiful*  
REASONS TO BE HAPPY

Talent Show & Jam Session



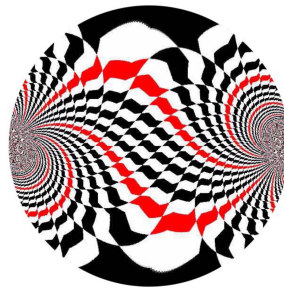
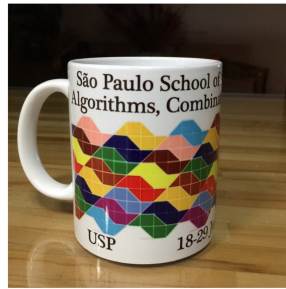
São Paulo, 18-29 July, 2016

SP School of Advanced Science on  
Algorithms, Combinatorics & Optimization



Talent Show organizado pelos participantes

São Paulo School of Advanced Science on  
Algorithms, combinatorics and Optimization  
18-29 July 2016 - USP-Brazil



Carlinhos



Yoshiko



Cris & Coelho



Carlinhos, Marcel & Gabriel

**Organizers**  
São Paulo School of Advanced  
Science on Algorithms,  
Combinatorics & Optimization  
  
July 18-29, 2016  
USP, Brazil



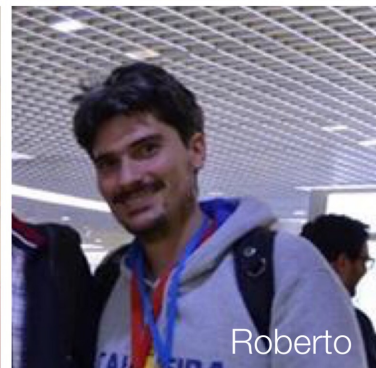
Yoshi



Guilherme



Sinai



Roberto

Organizadores do SPSAS-ACO