

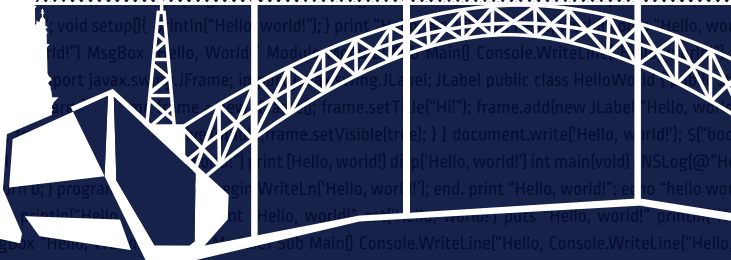
ICPC 2019

WORLD

FINALS

hosted by University of Porto

POCKET GUIDE



THINGS YOU NEED TO KNOW

VOLUNTEERS

Our ICPC host volunteers will be wearing black t-shirts, and our host committee members will be wearing black polo shirts.

We are here to help you.

Please ask us for any help you need!

VENUES

Both the Contest and Closing Ceremonies are held in Alfândega Congress Centre (www.ccalfandegaporto.com). The Opening Cerimony is held at Casa da Música (www.casadamusica.com). Transportation will be provided to both locations.

Please ask us if you need directions to any of the venues of ICPC World Finals!

ICPC 2019 SUPPORT LINE

Call this number for assistance at any moment during the World Finals:

(+ 351) 924 061 609

INTERNET ACCESS

Alfândega Congress Center

SSID: ICPC2019

Password: icpc@porto

HOTELS

Visitors should contact volunteers at the hotel Host Help Desk for assistance.

REMEMBER TO ALWAYS WEAR YOUR BADGE!

MORE INFORMATION

<http://icpc2019.up.pt>

<http://icpcnews.com>

<http://icpclive.com>

myicpc.live link

TEAM REGISTRATION (APRIL 1 AFTERNOON)

All teams and coaches must present themselves for registration at the time selected by appointment. Provided by The ICPC Foundation, UPE and Baylor University, representatives certify that team paperwork and Team Reference Documents comply with ICPC rules.

EXCURSION DAY (APRIL 2 MORNING)

Porto is a globally known touristic destination, renowned for the charm of its Historical Centre, classified as UNESCO World Heritage. Contestants will have the opportunity to know the city with a walking tour through Historic Porto. Please do wear comfortable clothes and sneakers. After the excursion, you will have lunch in Alfandega Congress Centre.

MEALS

Breakfast is available at your ICPC hotel daily, from 7 to 10 am.

All lunches will be served at Alfândega Congress Centre (West Ground Floor). Check your schedule to confirm daily time.

Dinner will be served at five ICPC hotels: Bessa, Hotel da Musica, Carris, Porto Palácio and Holiday Inn. Ipanema Park & Ipanema Porto guests transfer to Holiday Inn for dinners. Portus Cale, Fenix, & Tuela guests transfer to Porto Palácio. On April 2, dinner is at Casa da Música, after the Opening Ceremony. On April 4, dinner will be provided at Alfândega Congress Centre, after the Closing Ceremony.

SCHEDULE OF EVENTS

SUNDAY MARCH 31

ARRIVAL & WELCOME

START END	DESCRIPTION	LOCATION	ATTENDEES
18:00 22:00	RCD Registration	Holiday Inn Barca d'Alva I	RCDs/Staff
18:00 20:00	2019 ICPC World Finals Welcome Dinner Courtesy of University of Porto Ipanema Park & Ipanema Port guest transfer to Holiday Inn for dinners Portus Cale, Fenix, & Tuela guests transfer to Porto Palacio for dinners (see schedule posted in lobby)	> Bessa B Gourmet > Hotel da Musica Bom Sucesso Gourmet > Carris Forno Velho > Porto Palacio Madrug & Salsa > Holiday Inn Breakfast Area	ICPC attendees
19:30 21:00	2019 ICPC World Finals RCD Welcome Dinner Courtesy of University of Porto	Holiday Inn Breakfast Area	RCDs/Staff

ATTENDANCE:

Team: Contestants

Team++: All registered with teams

Coach++: All coaching staff

*Required attendance for teams with on-site coach accessible

MONDAY APRIL 01**REGISTRATION/RCD/HOST/
SPONSOR HOSPITALITY DAY**

START END	DESCRIPTION	LOCATION	ATTENDEES
07:00 08:15	Breakfast Courtesy of University of Porto	Your ICPC Hotel	ICPC attendees
08:00 19:00	ShuttlesbetweenAlfândegaandHotels	Your ICPC Hotel and Alfândega	ICPC attendees
08:00 09:00	RCDS: New Regional Contest Director's Workshop	Holiday Inn - Tua	New RCDS attendees
09:00 17:00	Tech Showcase/Chillzone Courtesy of University of Porto & ICPC Foundation	Alfândega WestGroundFloor	Team++
09:00 09:45	JetBrains TechTrek Presentation - Session 1 Teams 1-68 attend TechTrek. Teams 69-135 attend Tech Showcase	Alfândega DespachantesHall	Team++
09:15 18:00	RCD Symposium	Holiday Inn Plenaria Pinhao	RCDS attendees
10:15 11:00	JetBrains TechTrek Presentation - Session 2 Teams 69-135 attend TechTrek. Teams 1-68 attend Tech Showcase	Alfândega DespachantesHall	Team++
12:00 14:00	Team Lunch Courtesy of University of Porto	Alfândega WestGroundFloor	ICPC attendees
13:00 17:00	Team Registration Please arrive at your team's assigned time	Alfândega East Ground Floor	Team++



START END	DESCRIPTION	LOCATION	ATTENDEES
13:00 17:00	The Future of Tech Industry Jobs: Learning from ICPC Alumni and Key Industry Leaders	Alfândega WestGroundFloor	ICPC attendees
18:00 20:00	ICPC Dinner Courtesy of University of Porto IpanemaPark&IpanemaPortogueststransfer to Holiday Inn for dinners Portus Cale, Fenix, & Tuela guests transfer to Porto Palacio for dinners (see schedule posted in lobby)	>BessaBGourmet > Hotel da Musica Bom Sucesso Gourmet >CarrisFornoVelho > Porto Palacio Madrugada & Salsa > Holiday Inn Breakfast Area	All with badges

TUESDAY APRIL 02


EXCURSION/OPENING

START END	DESCRIPTION	LOCATION	ATTENDEES
07:00 10:00	Breakfast Courtesy of University of Porto	Your ICPC Hotel	All with badges
08:00 08:45	Transportation to Excursion	Your ICPC Hotel	All with badges
 09:00 11:30	Excursion Walking Historic Porto	Porto	All with badges
11:30 13:00	Lunch Courtesy of University of Porto	Alfândega WestGroundFloor	All with badges
 * 11:00 13:00	Tech Showcase/Chillzone Courtesy of University of Porto & ICPC Foundation	Alfândega WestGroundFloor	Public
 * 13:00 16:00	ICPC Challenge Powered by Huawei	Alfândega East Ground Floor	Team++
16:00 16:30	Transportation to Opening	Alfândega	All with badges
 * 17:00 19:00	2019ICPCWorldFinalsOpeningCeremony Doors open at 16:30	Casa da Música Sala Suggia	All with badges
19:00 21:00	2019ICPCWorldFinalsOpeningDinner Courtesy of University of Porto	Casa da Música Lobby + Sala 2	All with badges
20:00 22:30	Shuttle to Hotels	Casa da Música	All with badges
20:00 22:00	CLI Symposium	Casa da Música Sala Suggia	All with badges

WEDNESDAY APRIL 03

DRESS REHEARSAL

START END	DESCRIPTION	LOCATION	ATTENDEES
07:00 10:00	Breakfast Courtesy of University of Porto	Your ICPC Hotel	All with badges
09:45 10:00	Transportation to Dress Rehearsal Transportationscheduleswillbepostedinyour hotel	Your ICPC Hotel	Team++
 10:30 10:50	Team Check-In Teams must check in no later than 10:45	Alfândega WestGroundFloor	Team++
11:00 11:30	Spectators enter Spectator Gallery OverflowseatingavailableinAlfândega-West Ground Floor	Alfândega Archive Hall	All with badges
 11:00 14:00	2019ICPCWorldFinalsDressRehearsal Teams wear ICPC T-shirts and badges. No food, drinks or electronic devices. Teams must leave their materials at their workstations at the conclusion of the Dress Rehearsal. OverflowseatingavailableinAlfândega-West Ground Floor.	Alfândega Archive Hall	All with badges
12:30 14:00	On-Site Coaches may join their team On-SiteCoachesmaybringcamerastothe team area during the Dress Rehearsal	Alfândega Archive Hall	On-Site coaches
13:00 14:30	Dress Rehearsal Lunch Courtesy of University of Porto Teams and the primary coach will eat in the Team Area	Alfândega WestGroundFloor	All with badges
 14:00 14:30	Coaches Award Ceremony OverflowseatingavailableinAlfândega-West Ground Floor	Alfândega Archive Hall	Team++

START END	DESCRIPTION	LOCATION	ATTENDEES
* 15:00 15:30	Answers to Dress Rehearsal Questions Questions must be submitted during Dress Rehearsal	Alfândega Archive Hall	Team++
15:30 20:00	Shuttles to Hotels	Alfândega	All with badges
 16:00 20:00	Tech Showcase/Chillzone: When Data Is Money <i>Courtesy of University of Porto & ICPC Foundation</i>	Alfândega WestGroundFloor	Public
16:00 17:00	Coaches meet with ICPC Executive Director	Alfândega DespachantesHall	Coach++
16:00 17:00	Open Practice Session	Alfândega Archive Hall	Team++
17:30 19:30	CLI Symposium	Alfândega DespachantesHall	All with badges
18:30 21:30	ICPC Dinner <i>Courtesy of University of Porto</i> IpanemaPark&IpanemaPortogueststransfer to Holiday Inn for dinners Portus Cale, Fenix, & Tuela guests transfer to Porto Palacio for dinners (see schedule posted in lobby)	> BessaBGourmet > Hotel da Musica Bom Sucesso Gourmet >CarrisFornoVelho > Porto Palacio Madruga & Salsa > Holiday Inn Breakfast Area	All with badges

THURSDAY APRIL 04

WORLD FINALS

START END	DESCRIPTION	LOCATION	ATTENDEES
07:00 10:00	Breakfast Courtesy of University of Porto	Your ICPC Hotel	All with badges
09:45 10:00	Transportation to World Finals Transportationscheduleswillbepostedinyour hotel	Your ICPC Hotel	Team++
 10:30 10:50	Team Check-In Teams must check in no later than 10:45	Alfândega WestGroundFloor	Team++
10:50 11:00	Pre-seating for On-Site Coaches in the Spectator Gallery	Alfândega Archive Hall	On-Site coaches
11:00 19:00	Tech Showcase/Chillzone Courtesy of University of Porto & ICPC Foundation	Alfândega WestGroundFloor	All with badges
11:00 11:30	Spectators enter Spectator Gallery OverflowseatingavailableinAlfândega-West Ground Floor	Alfândega Archive Hall	Public
 11:00 17:00	2019 ICPC World Finals Teams wear ICPC T-shirts and badges. Notebooks, personaleffects, drinks, lunchatteam workstations. Noelectronicdevicesallowedintheteamarea. OverflowseatingavailableinAlfândega-West Ground Floor.	Alfândega Archive Hall	Public
13:00 15:30	ICPC Coach Appreciation Lunch Courtesy of University of Porto	Alfândega WestGroundFloor	All with badges
17:00 19:00	Intermission - Snacks and Activities Courtesy of University of Porto and Two Sigma	Alfândega WestGroundFloor	All with badges
 18:00 18:30	ICPC Challenge Awards Powered by Huawei	Alfândega WestGroundFloor	Public

START END	DESCRIPTION	LOCATION	ATTENDEES
19:00 19:30	2019 ICPC World Finals Highlights Provided by @ICPCNews	Alfândega Archive Hall	Public
19:30 21:00	2019 ICPC World Finals Closing Ceremony Doors open at 19:00 Overflow seating available in Alfândega-West Ground Floor	Alfândega Archive Hall	Public
21:00 23:59	Celebration and Dinner Courtesy of University of Porto	Alfândega West Ground Floor	All with badges
21:00 01:00	Shuttle to Hotels	Alfândega	All with badges



FRIDAY APRIL 05

DEPARTURE

START END	DESCRIPTION	LOCATION	ATTENDEES
00:00 23:59	Airport Transportation See posted schedule in hotel lobbies	Your ICPC Hotel	All with badges
07:00 10:00	Breakfast Courtesy of University of Porto	Your ICPC Hotel	All with badges
11:00	Team and RCD Hotel Checkout	Your ICPC Hotel	All with badges

TEAM MAP

- 001 Damascus University - Y!
- 002 Al-Baath University
- 003 Aleppo University
- 004 Alexandru Ioan Cuza University of Iași
- 005 The American University in Cairo
- 006 American University of Beirut, Faculty of Arts and Science
- 007 Amirkabir University of Technology
- 008 Bangladesh University of Engineering and Technology
- 009 Beihang University
- 010 Beijing Normal University
- 011 Belarusian State University
- 012 Belarusian State University of Informatics and Radioelectronics
- 013 Bina Nusantara University
- 014 Cairo University - Faculty of Computers and Information
- 015 Carnegie Mellon University
- 016 Chennai Mathematical Institute
- 017 The Chinese University of Hong Kong
- 018 Colorado School of Mines
- 019 Columbia University
- 020 Damascus University - Daddy's Home
- 021 Drexel University
- 022 Duke University
- 023 East China Normal University
- 024 École Normale Supérieure de Paris
- 025 Escuela Superior De Computo Instituto Politecnico Nacional

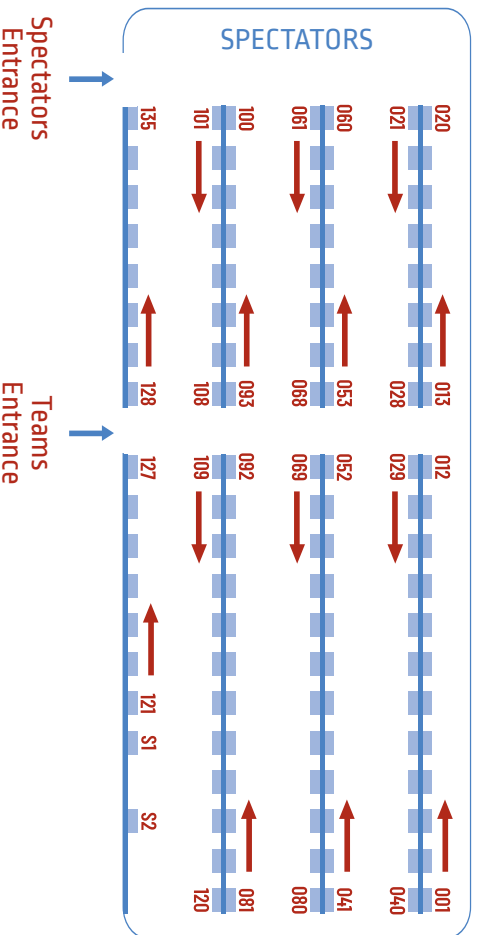
- 026 ETH Zürich
- 027 Faculty of Computer and Information Sciences, Ain Shams University
- 028 Faculty of Engineering- Mansoura University
- 029 Faculty of Engineering, Cairo University
- 030 Fudan University
- 031 German University in Cairo
- 032 Guangdong University of Technology
- 033 Hanoi University of Science and Technology
- 034 Harbin Institute of Technology
- 035 Harvard University
- 036 Higher Institute for Applied Sciences and Technology
- 037 IIT-Delhi
- 038 Indian Institute of Technology - Bombay
- 039 Indian Institute of Technology - Kanpur
- 040 Indian Institute of Technology - Kharagpur
- 041 Indian Institute of Technology - Madras
- 042 Indian Institute of Technology - Patna
- 043 Indian Institute of Technology - Roorkee
- 044 Instituto Militar de Engenharia
- 045 Instituto Tecnológico Autónomo de México
- 046 Instituto Tecnológico de Aeronautica
- 047 Instituto Tecnológico Superior del Sur de Guanajuato
- 048 International Black Sea University
- 049 International IT University
- 050 ITESM Campus Monterrey
- 051 KAIST
- 052 Kazakh-British Technical University
- 053 KimChaek University of Technology

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- 054 Kyoto University
 - 055 Lebanese American University
 - 056 Leiden University
 - 057 Massachusetts Institute of Technology
 - 058 Moscow Aviation Institute
 - 059 Moscow Institute of Physics & Technology
 - 060 Moscow State University
 - 061 Nanjing University
 - 062 Nanjing University of Science and Technology
 - 063 National Chiao Tung University
 - 064 National Research University Higher School of Economics
 - 065 National Taiwan University
 - 066 National Technical University “Kharkiv Polytechnic Institute”
 - 067 National University of Singapore
 - 068 Northeastern University (China)
 - 069 Northern (Arctic) Federal University
 - 070 Peking University
 - 071 Princeton University
 - 072 Saratov State University
 - 073 Scuola Normale Superiore
 - 074 Seoul National University
 - 075 Shahid Beheshti University
 - 076 Shahjalal University of Science and Technology
 - 077 Shanghai Jiao Tong University
 - 078 Sharif University of Technology
 - 079 Sofia University
 - 080 South China University of Technology
 - 081 South Dakota School of Mines and Technology

- 082 Southeast University, China
- 083 St. Petersburg Campus of Higher School of Economics
- 084 St. Petersburg ITMO University
- 085 St. Petersburg State University
- 086 Stanford University
- 087 Syrian Virtual University
- 088 Technische Universität München
- 089 Tecnológico de Costa Rica
- 090 Tsinghua University
- 091 Universidad de Buenos Aires - FCEN
- 092 Universidad de La Habana
- 093 Universidad de los Andes, Colombia
- 094 Universidad de Oriente - Sede Antonio Maceo
- 095 Universidad Nacional de Colombia - Bogotá
- 096 Universidad Nacional de Córdoba - FaMAF
- 097 Universidad Nacional de Ingeniería - FC
- 098 Universidad Nacional de Rosario
- 099 Universidad Tecnológica Nacional - Facultad Regional Santa Fe
- 100 Universidade de São Paulo - Campus de São Carlos
- 101 Universidade do Porto
- 102 Universidade Federal de Campina Grande
- 103 Universidade Federal de Pernambuco
- 104 Universitas Indonesia
- 105 Universitat Politècnica de Catalunya
- 106 The University of Auckland
- 107 University of Brasilia
- 108 University of British Columbia
- 109 University of Cambridge

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- 110 University of Cape Town
 - 111 University of Central Florida
 - 112 University of Chicago
 - 113 University of Engineering and Technology - VNU
 - 114 University of Illinois at Urbana-Champaign
 - 115 University of Latvia
 - 116 University of Nebraska - Lincoln
 - 117 The University of New South Wales
 - 118 University of Niš - Faculty of Sciences and Mathematics
 - 119 University of Oxford
 - 120 University of Southern California
 - 121 University of Tartu
 - 122 The University of Texas at Austin
 - 123 The University of Tokyo
 - 124 University of Tsukuba
 - 125 University of Warsaw
 - 126 University of Waterloo
 - 127 The University of Western Australia
 - 128 University of Wisconsin - Madison
 - 129 University of Wrocław
 - 130 University of Zagreb
 - 131 Ural Federal University
 - 132 Waseda University
 - 133 Xi'an Jiaotong University
 - 134 Zhejiang University
 - 135 Zhongshan (Sun Yat-sen) University

ALFÂNDEGA ARCHIVE HALL



USEFUL INFORMATION

CURRENCY AND BANKING

The currency in Portugal is the Euro.

Cash machines/ATMs are accessible 24/7 and they can be found all over the city

- > “Multibanco”, in Portuguese
- > They are not free for all transactions. Look for the blue/green M signs.
- > Euronet cash machines (yellow and blue)
- > Instructions are available in English and several other languages
- > The maximum cash for each withdrawal is 200 Euros.
- > You can repeat the withdrawal several times per day (for Portuguese cards it's two times, for international cards it is many more).

CRÉDIT CARDS

American Express > Tel. +351 707 50 40 50 / +351 214 278 205

Mastercard > Tel. +351 800 811 272

Visa > Tel. +351 800 811 107

TIPPING

There are no rules about tipping in Portugal, but is polite and generous to do it.

ELECTRICITY

Voltage in Portugal is 220/400 volt with a frequency of 50 hertz, and plugs are of the two-pin continental type.

SMOKING

Smoking is not allowed in indoor spaces in Portugal.

USEFUL CONTACTS

TELEPHONE ACCESS CODE > Portugal + 351

EUROPEAN EMERGENCY NUMBER: 112

Health 24 Line – 808 24 24 24

Information hotline where you can get advice and assistance on health issues

Hospitals

Santo António Hospital > Phone +351 222 077 500

São João Hospital > Phone +351 225 512 100

Pharmacies

<https://www.farmaciasdeservico.net/localidade/porto>

(PSP) Public Security Police > www.psp.pt

GNR – National Republican Guard > www.gnr.pt

Tourism Police > Phone +351 222 081 833

Tourism Office > Phone +351 223 393 472

Francisco Sá Carneiro Airport > Phone +351 229 432 400

<https://www.aeroporporto.pt/en/opo/home>

University of Porto > Rectory

Praça Gomes Teixeira, s/n 4099.002 Porto. Portugal

Phone +351 220 408 000 > www.up.pt

HOTELS INFORMATION



BESSAHOTEL BOAVISTA

Rua Dr. Marques de Carvalho, 111

4100-325 Porto

www.porto.bessahotel.com

General > infoboavista@bessahotel.com

Group Reservations > groups@bessahotel.com

Phone: +351 226 050 000



CARRÍS PORTO RIBEIRA

Rua do Infante D. Henrique, 1

4050-296 Porto

www.carrishoteles.com

Reservations > comercial.portugal@carrishoteles.com

Phone: +351 220 965 786



HF FÉNIX PORTO

Rua Gonçalo Sampaio, 282

4150-365 Porto

www.hfhotels.com/hotels-en/hf-fenix-porto-en/

Reservations > booking.fenixporto@hfhotels.com

Reception > hffenixporto@hfhotels.com

Phone: +351 226 071 800



HF IPANEMA PARK

Rua de Serralves, 124

4150-702 Porto

<https://www.hfhotels.com/hotels-en/hf-ipanema-park-en/>

Reservations > booking.ipanemapark@hfhotels.com

Reception > hfiipanemapark@hfhotels.com

Phone: +351 225 322 121



HF IPANEMA PORTO

Rua do Campo Alegre, 156/172

4150-169 Porto

<https://www.hfhotels.com/hotels-en/hf-ipanema-porto-en/>

Reservations > booking.ipanemaporto@hfhotels.com

Reception > hfiipanemaporto@hfhotels.com

Phone: +351 226 075 059



HF TUELA PORTO

Rua Arq. Marques da Silva, 200

4150-483 Porto

www.hfhotels.com/hotels-en/hf-tuela-porto-en/

Reservations > booking.tuela@hfhotels.com

Reception > hftuelaporto@hfhotels.com

Phone: +351 226 004 747



HOLIDAY INN PORTO GAIA

Rua Diogo de Macedo, 220

4400-107 Vila Nova de Gaia

www.ihg.com/holidayinn/hotels/gb/en/porto/opopg/hoteldetail

Reservations > reservas@hiportogaia.com

Phone: +351 223 747 500



HOTEL DA MÚSICA

Largo Ferreira Lapa, 21 a 183

4150-323 Porto

www.hoteldamusica.com

Reservations > info@hoteldamusica.com

Phone: +351 226 076 000



PORTO PALACIO

Avenida da Boavista, 1269

4100-130 Porto

www.shotelscollection.com/portopalacio/m/en/hotel-overview.html

Reservations > eventos.porto@shotels.com

Phone: +351 22 608 6600



PORTUS CALE HOTEL

Avenida da Boavista, 1060

4110-113 Porto

www.portuscalehotel.com

Reservations > reservas@portuscalehotel.com

Phone: +351 226 083 900

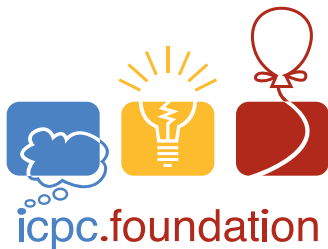
USEFUL PORTUGUESE NOTES

USEFUL EXPRESSIONS

- | | |
|------------------------------------|--|
| 1. Hello | Olá |
| 2. Good morning | Bom dia |
| 3. Goodbye | Adeus |
| 4. Thank you | Obrigado |
| 5. Sorry | Desculpe |
| 6. Please take me to... | Por favor, leve-me para... |
| 7. I would like to buy... | Gostaria de comprar... |
| 8. How much is it? | Quanto custa? |
| 9. Can I use the telephone please? | Posso usar o telefone, por favor? |

MENU

- | | |
|---------------------------|--|
| Pork | Porco |
| Beef | Vaca |
| Lamb | Cordeiro |
| Chicken | Frango |
| Rice | Arroz |
| Vegetables | Legumes |
| I am vegetarian, no meat. | Sou vegetariano, não como carne |



*advancing the art and the sport
of competitive programming*

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programming
tools sponsor



gold europe
& challenge
sponsor



WiseTech
GLOBAL

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Institutions

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