

The implementation of the Bologna process into physics university education in Europe.

Albani (AL)

President of society: Prof. P. Berberi pberberi@yahoo.com
 contact person: -----

Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 4

Number of universities provided for project: 4

| IDX | programme received | | | module descriptions received | | |
|------|--------------------|----|---|------------------------------|----|---|
| | BA | MA | | BA | MA | |
| AL01 | - | - | - | - | - | - |
| AL02 | - | - | - | - | - | - |
| AL03 | - | - | - | - | - | - |
| AL04 | - | - | - | - | - | - |

Austria

President of society: Prof. Monika Ritsch-Martel monika.ritsch-marte@i-med.ac.at
 contact person: Prof. Urban Titulaer titulaer@tphys.uni-linz.ac.at

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 6

Number of universities provided for project: 6

| IDX | programme received | | | module descriptions received | | |
|------|---------------------|-------|---|------------------------------|-----------------|-----|
| | BA | MA | | BA | MA | |
| AU05 | x | x | | x | xAU06 | x x |
| | ECTS/No modulesAU07 | | | x | | |
| AU08 | x | x | | ECTS/No modulesAU09 | | x x |
| | x | xAU10 | x | x | ECTS/No modules | |

Belgium (BE)

President of society: Prof. Dr. Luc Henrard luc.henrard@fundp.ac.be
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Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 10

Number of universities provided for project: 6

| IDX | programme received | | module descriptions received | |
|-----|--------------------|----|------------------------------|----|
| | BA | MA | BA | MA |

| | | | | |
|------|---|---|---|---|
| BE11 | x | x | x | x |
| BE12 | x | x | x | x |
| BE13 | x | x | | |
| BE14 | x | x | x | x |
| BE15 | x | x | x | x |
| BE16 | x | x | x | x |

Internet

<http://www.fundp.ac.be/facultes/sciences/departements/physique/enseignement/index.html#cursus>

Belarussia (RU)

President of society: Prof. Sergei Kilin kilin@dragon.bas-net.by
contact person: Prof. Oscar Rabinovich orabi@hmti.ac.by

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 6

Number of universities provided for project: 6

| IDX | programme received | | module descriptions received | |
|-----|--------------------|----|------------------------------|----|
| | BA | MA | BA | MA |

| | | | | |
|------|---|---|---|---|
| RU17 | - | - | - | - |
| RU18 | - | - | - | - |
| RU19 | - | - | - | - |
| RU20 | - | - | - | - |
| RU21 | - | - | - | - |
| RU22 | - | - | - | - |

Croatia (Cro)

President of society: Prof. Silvia Tomic stomic@ifs.hr
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Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 4

Number of universities provided for project: 4

| IDX | programme received | | | module descriptions received | | | | | |
|----------|--------------------|----|---------------|------------------------------|----|---|---------------|---|---|
| | BA | MA | | BA | MA | | | | |
| CRO23 | x | x | - | x | x | - | internetCRO24 | x | x |
| - | | x | x | - | | | internetCRO25 | x | x |
| x | - | | | x | x | - | | x | x |
| internet | | | internetCRO26 | | | | | | |

Czech Republic (CZ)

President of society: Prof. Alice Valkarova alice@ipnp.troja.mff.cuni.cz
contact person: Dr. Jan Obdrzalek jan.obdrzalek@mff.cuni.cz

Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 12

Number of universities provided for project: 7

| IDX | programme received | | | module descriptions received | | | comment |
|------------|--------------------|----|---|------------------------------|----|---|--------------------|
| | BA | MA | | BA | MA | | |
| CZ27 | x | x | | - | - | | Internet-Copy |
| CZ28 | x | x | | - | - | | translation |
| neededCZ29 | | x | x | | - | - | 030 |
| x | x | | | - | - | | translation needed |
| 031 | - | - | | - | - | | |
| 032 | - | - | | - | - | | |
| 033 | - | - | | - | - | | |

030-033 have to be named

Denmark (DEN)

President of society: Prof. Jørgen Schou j.schou@risoe.dk
contact person: - -

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 4

Number of universities provided for project: 4

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| DEN34 | - | - | - | - | |
| DEN35 | - | - | - | - | |
| DEN36 | - | - | - | - | |
| DEN37 | - | - | - | - | |

France (F)

President of society: Prof. Michele Leduc leduc@lkb.ens.fr
contact person: Prof. Jean Cosleou Jean.Cosleou@univ-lille1.fr

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 43

Number of universities provided for project: 25

| IDX | programme received | | module descriptions received | | comment |
|-----|--------------------|----|------------------------------|----|--------------------|
| | BA | MA | BA | MA | |
| 038 | - | - | - | - | translation needed |
| 039 | - | - | - | - | |
| 040 | - | - | - | - | |
| 041 | - | - | - | - | |
| 042 | - | - | - | - | |
| 043 | - | - | - | - | |
| 044 | - | - | - | - | |
| 045 | - | - | - | - | |
| 046 | - | - | - | - | |
| 047 | - | - | - | - | |
| 048 | - | - | - | - | |
| 049 | - | - | - | - | |

| | | | | |
|-----|---|---|---|---|
| 050 | - | - | - | - |
| 051 | - | - | - | - |
| 052 | - | - | - | - |
| 053 | - | - | - | - |
| 054 | - | - | - | - |
| 055 | - | - | - | - |
| 056 | - | - | - | - |
| 057 | - | - | - | - |
| 058 | - | - | - | - |
| 059 | - | - | - | - |
| 060 | - | - | - | - |
| 061 | - | - | - | - |
| 062 | - | - | - | - |

Finland

President of society: Prof. Kalle-Antti Suominen Kalle-Antti.Suominen@utu.fi
 contact person: NN

Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 13

Number of universities provided for project: 8

| IDX | programme received | | module descriptions received | | comment |
|------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| FI63 | x | x | - | - | |
| FI64 | x | x | - | - | |
| FI65 | x | x | - | - | |
| FI66 | x | x | - | - | |
| FI67 | x | x | - | - | |
| FI68 | x | - | - | - | |
| FI69 | x | x | - | - | |
| FI70 | x | x | - | - | |

Germany (GER)

President of society: Prof. Eberhard Umbach nunner@dpg-physik.de
 contact person: Prof Ulrich Nienhaus (DPG) uli@uiuc.edu

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 58

Number of universities provided for project: 35

| IDX | programme received | | module descriptions received | | comment |
|-----|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| 071 | - | - | - | - | |
| 072 | - | - | - | - | |
| 073 | - | - | - | - | |
| 074 | - | - | - | - | |
| 075 | - | - | - | - | |
| 076 | - | - | - | - | |
| 077 | - | - | - | - | |
| 078 | - | - | - | - | |
| 079 | - | - | - | - | |
| 080 | - | - | - | - | |
| 081 | - | - | - | - | |
| 082 | - | - | - | - | |
| 083 | - | - | - | - | |
| 084 | - | - | - | - | |
| 085 | - | - | - | - | |
| 086 | - | - | - | - | |
| 087 | - | - | - | - | |
| 088 | - | - | - | - | |
| 089 | - | - | - | - | |
| 090 | - | - | - | - | |
| 091 | - | - | - | - | |
| 095 | - | - | - | - | |
| 096 | - | - | - | - | |
| 097 | - | - | - | - | |
| 098 | - | - | - | - | |
| 099 | - | - | - | - | |
| 100 | - | - | - | - | |
| 101 | - | - | - | - | |
| 102 | | | | | |
| 103 | | | | | |
| 104 | | | | | |
| 105 | | | | | |

Greece (GR)

President of society: Prof. A. Angelopoulos
contact person:

Angelos.Angelopoulos@phys.uoa.gr

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 6

Number of universities provided for project: 6

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| GR106 | - | - | - | - | |
| GR107 | - | - | - | - | |
| GR108 | - | - | - | - | |
| GR109 | | | | | |
| GR110 | | | | | |
| GR111 | | | | | |

Hungary (HU)

President of society: Prof. Jenő Solyom solyom@szfki.hu
contact person: Prof. Jenő Solyom solyom@szfki.hu

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 5

Number of universities provided for project: 5

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| HU112 | - | - | - | - | |
| HU113 | - | - | - | - | |
| HU114 | | | | | |
| HU115 | | | | | |
| HU116 | | | | | |

Ireland (IR)

President of society: Mr Peter Saraga physics@iop.org
contact person: Prof. Peter Main (IOP) Peter.Main@iop.org

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 9

Number of universities provided for project: 6

| IDX | programme received | | module descriptions received | | comment |
|-----|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| 117 | - | - | - | - | |
| 118 | - | - | - | - | |
| 119 | - | - | - | - | |
| 120 | | | | | |
| 121 | | | | | |
| 122 | | | | | |

Italy (I)

President of society: Prof. G-F. Bassani sif@sif.it
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Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 36

Number of universities provided for project: 20

| IDX | programme received | | module descriptions received | | comment |
|------|--------------------|----|------------------------------|----|----------|
| | BA | MA | BA | MA | |
| I123 | x | - | x | - | |
| I124 | - | - | - | - | |
| I125 | - | - | - | - | |
| I126 | x | x | - | - | |
| I127 | - | - | - | - | |
| I128 | - | - | - | - | |
| I129 | - | - | - | - | |
| I130 | - | - | - | - | |
| I131 | x | x | - | - | |
| I132 | - | - | - | - | |
| I133 | x | x | - | - | |
| I134 | - | - | - | - | |
| I135 | - | - | - | - | |
| I136 | x | x | - | - | |
| I137 | | | | | |
| I138 | x | x | x | x | |
| I139 | | | | | internet |

140-142 not named.

Macedonia (NAZ)

President of society: Prof. Nenad Novkovski nenad@iunona.pmf.ukim.edu.mk
contact person: Prof. Olga Galbova galbova@iunona.pmf.ukim.edu.mk

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 2

Number of universities provided for project: 2

| IDX | programme received | | module descriptions received | | comment |
|--------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| MAZ143 | - | - | - | - | |
| MAZ144 | - | - | - | - | |

Netherlands (NL)

President of society: Prof. G. van der Steenhoven voorzitter@nnv.nl
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Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 15

Number of universities provided for project: 10

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| NL145 | - | - | - | - | |
| NL146 | - | - | - | - | |
| NL147 | | | | | |
| NL148 | | | | | |

Poland (PL)

President of society: Prof. Reinhard Kulesa kulesa@if.uj.edu.pl
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Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 12

Number of universities provided for project: 8

| IDX | programme received | | module descriptions received | | comment |
|-----|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| 150 | - | - | - | - | |
| 151 | - | - | - | - | |
| 152 | - | - | - | - | |
| 153 | - | - | - | - | |
| 154 | | | | | |
| 155 | | | | | |
| 156 | | | | | |
| 157 | | | | | |
| | - | - | - | - | |

Portugal (P)

President of society: Prof. Augusto Barroso
contact person: Prof. F. Costa Parente

barroso@cii.fc.ul.pt
facp@fct.unl.pt

Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 15

Number of universities provided for project: 10

| IDX | programme received | | module descriptions received | | comment |
|-----|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| 158 | - | - | - | - | |
| 159 | - | - | - | - | |
| 160 | - | - | - | - | |
| 161 | - | - | - | - | |
| 162 | - | - | - | - | |
| 163 | - | - | - | - | |
| 164 | - | - | - | - | |
| 165 | | | | | |
| 166 | | | | | |
| 167 | | | | | |

not named

Slovenia (SLOV)

President of society: Prof. Milan Hladnik milan.hladnik@fmf.uni-lj.si
contact person: Prof. Anton Ramsak Anton.Ramsak@ijs.si

Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 3

Number of universities provided for project: 3

| IDX | programme received | | module descriptions received | | comment |
|---------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| SLOV168 | - | - | - | - | |
| SLOV169 | - | - | - | - | |
| SLOV170 | - | - | - | - | |

Slowakia (SLOW)

President of society: Prof. Marian Reiffers reiffers@upjs.sk
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Status of project: approved

Status of universities: not yet confirmed

Number of universities envisaged: 6

Number of universities provided for project: 6

| IDX | programme received | | module descriptions received | | comment |
|---------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| SLOW171 | - | - | - | - | |
| SLOW172 | - | - | - | - | |
| SLOW173 | - | - | - | - | |
| SLOW174 | - | - | - | - | |
| SLOW175 | - | - | - | - | |
| SLOW176 | - | - | - | - | |

Sweden (S)

President of society: Prof. Anders Kastberg anders.kastberg@physics.umu.se
contact person:

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 20

Number of universities provided for project: 12

| IDX | programme received | | module descriptions received | | comment |
|------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| S177 | - | - | - | - | |
| S178 | - | - | - | - | |
| S179 | - | - | - | - | |
| S180 | - | - | - | - | |
| S181 | - | - | - | - | |
| S182 | - | - | - | - | |
| S183 | - | - | - | - | |
| S184 | - | - | - | - | |
| S185 | | | | | |
| S186 | | | | | |
| S187 | | | | | |
| S188 | - | - | - | - | |

Switzerland (SUI)

President of society:
contact person:

Prof. Tibor Gyalog
Prof. Christophe Rossel

tibor.gyalog@unibas.ch
rsl@zurich.ibm.com

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 10

Number of universities provided for project: 8

| IDX | programme received | | module descriptions received | | comment |
|-----------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| SUI189 | - | - | - | - | |
| SUI190 | - | - | - | - | |
| SUI191 | - | - | - | - | |
| SUI192 | - | - | - | - | |
| SUI193 | | | | | |
| SUI194 | | | | | |
| SUI195 | | | | | |
| SUI196 | | | | | |
| not named | - | - | - | - | |

Spain (SP)

President of society: Prof. A. Fernandez-Rañada afr@fis.ucm.es
contact person: Prof. Maria Jose Yzuel maria.yzuel@uab.es

Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 18

Number of universities provided for project: 10

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| SP197 | - | - | - | - | |
| SP198 | - | - | - | - | |
| SP199 | - | - | - | - | |
| SP200 | - | - | - | - | |
| SP201 | - | - | - | - | |
| SP202 | - | - | - | - | |
| SP203 | | | | | |
| SP204 | | | | | |
| SP205 | | | | | |
| SP206 | | | | | |
| | - | - | - | - | |

Ukraine (UKR)

President of society: Prof. V. Litovchenko lvq@isp.kiev.ua
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Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 14

Number of universities provided for project: 7

| IDX | programme received | | module descriptions received | | comment |
|-----------|--------------------|----|------------------------------|----|-----------|
| | BA | MA | BA | MA | |
| UKR207 | x | - | - | - | normative |
| UKR208 | x | - | - | - | |
| UKR209 | x | - | - | - | |
| UKR210 | x | | | | |
| UKR211 | x | | | | |
| UKR212 | x | | | | |
| UKR213 | x | - | - | - | |
| not named | | | | | |

United Kingdom (UK)

President of society: Mr Peter Saraga physics@iop.org
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Status of project: approved

Status of universities: confirmed

Number of universities envisaged: 48

Number of universities provided for project: 30

| IDX | programme received | | module descriptions received | | comment |
|-------|--------------------|----|------------------------------|----|---------|
| | BA | MA | BA | MA | |
| UK214 | - | - | - | - | |
| UK215 | - | - | - | - | |
| UK216 | - | - | - | - | |
| UK217 | - | - | - | - | |
| UK218 | - | - | - | - | |
| UK219 | - | - | - | - | |
| UK220 | - | - | - | - | |
| UK221 | - | - | - | - | |
| UK222 | - | - | - | - | |
| UK223 | - | - | - | - | |
| UK224 | - | - | - | - | |
| UK225 | - | - | - | - | |
| UK226 | - | - | - | - | |
| UK227 | | | | | |
| UK228 | | | | | |
| UK229 | | | | | |
| 230 | | | | | |
| 231 | | | | | |
| 232 | | | | | |
| 233 | | | | | |
| 234 | | | | | |
| 235 | | | | | |
| 236 | | | | | |
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| 241 | | | | | |
| 242 | | | | | |
| 243 | | | | | |