GR17 Programme Schedule

Programme Outline

<table>
<tr><th></th><th>Sunday</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th><th></th></tr>
<tr><td>8.30</td><td rowspan="15"></td><td rowspan="2">Opening</td><td></td><td>GRF – Witten</td><td></td><td></td><td>8.45</td></tr>
<tr><td>9.00</td><td rowspan="2">Barish</td><td rowspan="2">Rees</td><td rowspan="2">Poisson</td><td rowspan="2">Bildsten</td><td>9.00</td></tr>
<tr><td>9.30</td><td rowspan="2">Phinney</td><td>9.30</td></tr>
<tr><td>10.00</td><td colspan="4">Coffee</td><td>10.00</td></tr>
<tr><td>10.30</td><td>Coffee</td><td rowspan="2">Baez</td><td rowspan="2">Peebles</td><td rowspan="2">Verde</td><td rowspan="2">Mavalvala</td><td>10.30</td></tr>
<tr><td>11.00</td><td rowspan="2">Chrusciel</td><td>11.00</td></tr>
<tr><td>11.30</td><td rowspan="2">Alcubierre</td><td rowspan="2">Preskill</td><td rowspan="2">Polchinski</td><td rowspan="2">Langlois</td><td>11.30</td></tr>
<tr><td>12.00</td><td rowspan="2">Marolf</td><td>12.00</td></tr>
<tr><td>12.30</td><td colspan="4" rowspan="2">Lunch</td><td>12.30</td></tr>
<tr><td>13.00</td><td rowspan="2">Lunch</td><td>13.00</td></tr>
<tr><td>13.30</td><td rowspan="3">A1[α], A4[γ], A5[δ], B2iii[ζ], D1[β], D2[ε].</td><td>Hawking</td><td rowspan="5">A3[α], A5[δ], A6[β], B2ii[ζ], B3[ε] C1i[β], D1[γ].</td><td rowspan="3">A2[ζ], A3[α], B2i[β], B3[δ], C1ii[ε], C1iii[ε], C2[γ].</td><td>13.30</td></tr>
<tr><td>14.00</td><td rowspan="3">A1[β], A3[α], B1[γ],B2iii[ε], C1iv[ζ], D2[δ].</td><td rowspan="6">Free afternoon</td><td>14.00</td></tr>
<tr><td>14.30</td><td>14.30</td></tr>
<tr><td>15.00</td><td rowspan="8">Registration</td><td>15.00</td></tr>
<tr><td>15.30</td><td colspan="2">Coffee</td><td colspan="2">Coffee</td><td>15.30</td></tr>
<tr><td>16.00</td><td rowspan="2">A1[β], A3[α], B1[γ],B2iii[ε], C1iv[ζ], D2[δ].</td><td rowspan="2">A1[α], A5[δ], A6[γ], B1[ζ], C1i[ε], D1[β].</td><td rowspan="2">A2[δ], A4[ζ], A5[δ], B2i[α], B2ii[ζ], C1ii[ε], D1[γ], D3[β].</td><td rowspan="2">A3[α], A4[ζ], B2i[β], C1iii[ε], C2[γ], D3[δ].</td><td>16.00</td></tr>
<tr><td>16.30</td><td>16.30</td></tr>
<tr><td>17.00</td><td rowspan="3"></td><td rowspan="2"></td><td rowspan="2"></td><td>17.00</td></tr>
<tr><td>17.30</td><td>17.30</td></tr>
<tr><td>18.00</td><td></td><td rowspan="2">18.15-19.45</td><td rowspan="2">GRG Society Assembly</td><td>Closing remarks</td><td>18.00</td></tr>
<tr><td>18.30</td><td>Poster Session I*</td><td rowspan="3"></td><td>18.30</td></tr>
<tr><td>19.00</td><td></td><td></td><td>19.00</td></tr>
<tr><td>19.30</td><td rowspan="3">Welcome Reception</td><td rowspan="3"></td><td rowspan="3">Irish Night</td><td>19.45-20.45</td><td>Poster Session II**</td><td>19.30</td></tr>
<tr><td>20.00</td><td>Thorne</td><td rowspan="2">Penrose</td><td>20.00</td></tr>
<tr><td>20.30</td><td rowspan="2"></td><td rowspan="2"></td><td>20.30</td></tr>
<tr><td>21.00</td><td></td><td></td><td>21.00</td></tr>
<tr><td>22.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td>22.00</td></tr>
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* Poster Session I: A1, A2 , Section B, Section C. **Poster Session II: A3, A4, A5, A6, Section D.

Section A	Section B	Section C	Section D
A1 Exact Solutions - Mars A2 Complex methods and twistors - Lewandowski A3 Mathematical studies of the field equations - Isenberg A4 Asymptotic and perturbation methods - Iyer A5 Numerical and algebraic computing - Bruegmann A6 Alternative theories - Will	B1 Relativistic astrophysics - Stella B2i Early universe - Sasaki B2ii Late universe and gravitational lenses - Holz B2iii Dark energy - Sahni B3 Sources of gravitational waves - Buonanno	C1i GW detector performance, commissioning & operation. - Coccia C1ii Current GW detector results - Kanda C1iii Advanced GW detector R&D - Robertson C1iv Space-based GW interferometry - Bender C2 Lab and observational tests – Gundlach	D1 Quantum general relativity - Thiemann D2 Strings, branes and M-theory - Horowitz D3 Quantum fields in curved space-time – Fredenhagen

Parallel sessions location key	α – Concert Hall	δ – Lansdowne Room
	β – Clyde Room I	ε – Conference Room
	γ – Clyde Room II	ζ – Dodder Room