



**IASS 2020/21**  
**SURREY 7**  
International Conference on  
Spatial Structures 2020/21

# Parallel Technical Sessions

Day	Time	Session Title	Chair	Co-Chair	Abstracts
Monday, 23 August	10:00 - 11:30 (75 minutes)	<b>S4</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S5</b> Design and Realisation Case Studies: Lattice Structures-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S6</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S7</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S8</b> Computational form-finding methods-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S9</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S10</b> Design and Realisation Case Studies: Lattice Structures-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S11</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S12</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S13</b> Computational form-finding methods-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S14</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S15</b> Design and Realisation Case Studies: Lattice Structures-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
Tuesday, 24 August	10:00 - 11:30 (75 minutes)	<b>S16</b> Dynamic response of metal gridshell structures (IASS WG 8-1)	Chaitin	Karin Almqvist and Stefan Bräse	Abstracts
		<b>S17</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S18</b> Handmade structures	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S19</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-2	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S20</b> Computational form-finding methods-2	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S21</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S22</b> Design and Realisation Case Studies: Lattice Structures-1	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S23</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S24</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-2	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S25</b> Computational form-finding methods-2	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S26</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-1)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		Wednesday, 25 August	10:00 - 11:30 (75 minutes)	<b>S27</b> Dynamic response of metal gridshell structures (IASS WG 8-2)	Chaitin
<b>S28</b> Design and Realisation Case Studies: Lattice Structures-2	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S29</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-2)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S30</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-3	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S31</b> Computational form-finding methods-3	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S32</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-2)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S33</b> Design and Realisation Case Studies: Lattice Structures-2	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S34</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-2)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S35</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-3	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S36</b> Computational form-finding methods-3	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S37</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-2)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
Thursday, 26 August	10:00 - 11:30 (75 minutes)			<b>S38</b> Dynamic response of metal gridshell structures (IASS WG 8-3)	Chaitin
		<b>S39</b> Design and Realisation Case Studies: Lattice Structures-3	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S40</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-3)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S41</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-4	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S42</b> Computational form-finding methods-4	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S43</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-3)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S44</b> Design and Realisation Case Studies: Lattice Structures-3	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S45</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-3)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S46</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-4	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S47</b> Computational form-finding methods-4	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		<b>S48</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-3)	Chaitin	Guo-Feng and Michael Sauer	Abstracts
		Friday, 27 August	10:00 - 11:30 (75 minutes)	<b>S49</b> Dynamic response of metal gridshell structures (IASS WG 8-4)	Chaitin
<b>S50</b> Design and Realisation Case Studies: Membrane Structures	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S51</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-4)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S52</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-5	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S53</b> Computational form-finding methods-5	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S54</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-4)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S55</b> Design and Realisation Case Studies: Membrane Structures	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S56</b> Optimisation methods for analysis and design of roof structures (IASS WG 12-4)	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S57</b> Advanced manufacturing (3D Printing, Digital Fabrication and etc.)-5	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S58</b> Computational form-finding methods-5	Chaitin			Guo-Feng and Michael Sauer	Abstracts
<b>S59</b> Bi-based concepts inspiring the spatial structure and architecture of the next generation (IASS WG 12-4)	Chaitin			Guo-Feng and Michael Sauer	Abstracts