

PRIVATE & CONFIDENTIAL

South West Members Group Committee Meeting
Virtual – 20th April 2021 17:00 – 18:00

Present	Apologies
Ainhoa Zamorano Salvador (AZS) Alex Parnell (AP) Amanda Lapham (AL) Chris Griffin (CG) Daniel Deffley (DD) Jack Melton (JM) John Challenger (JC) Matthew Newton (MN) Muhammed Duman (MD) Roger Rayner (RR) Chair Stickland David (DS) Suchismita Bhattacharya (SB)	Stanley Solsby (SS) Mike Menzies (MM)
1.0	Welcome Introduction of new attendees, RR noted networking events might be set up in the future from anyone in the committee.
2.0	Review of past 3 months events -RR shared events of the past 3 months which included: <ul style="list-style-type: none"> • Stephen Richardson talk on piper alpha. • Off Payroll Adepto – 46 people turned up with a slight glitch at the end of the event. • IChemE Interview skills – good interactions. • Industry sessions for younger members – Really well received, first session had 35 people whilst second 12. <p>MN – Noted a reason why there were less students is due to exams and coursework. It would be better to organise industry events at more suitable time periods for students.</p> <p>RR – Commented these industry sessions for younger members has led the way with launch of Project Coast from IChemE to help younger engineers with their careers. The 3rd sessions will be run as part of that Project Coast under the IChemE.</p> <ul style="list-style-type: none"> • AGM • Mental health – few turned up but everybody complimentary.
3.0	IChemE / Learned Society RR – Initiative around IChemE 100 to be held next year. Looking for volunteers to review content (career stories of professionals) taking approximately 2 hours a week. Next year IChemE want members groups to organise events to commigrate the IChemE 100. DD - to support organising this event, details TBC but we can look to use employers and universities in the area. Steve Gasser is point of contact to produce content. RR – IChemE created a dedicated volunteering website showcasing volunteering opportunities which include the IChemE 100 activities.

<p>4.0</p>	<p>Regional Representatives</p> <p>RR – Commented that currently the SWMG is a very spread out area from Gloucester to Cornwall and queried if it is worth having regional representatives?</p> <p>JC – Noted areas such as Cornwall is relatively isolated, so people are reluctant to travel but confirmed he is happy to act as a regional representative.</p> <p>CF – Also, happy to act as regional representative for Devon even if there is a low number of events.</p> <p>JC – Noted, IChemE in comparison to the IMechE is much smaller and therefore a smaller budget to organise regional events. JC also added it would be good to have programmes such as rockets to organise an event with schools which could involve some props.</p>
<p>5.0</p>	<p>Cornwall Space Hub</p> <p>RR – STEM opportunity for the SWMG, anyone from committee interested in getting involved to email after the meeting.</p> <p>JC – IMechE involved in the high-speed land record. The vehicle was running on the longest runway in the UK which was an interesting point. Anyone with rocket or controls experience could be particularly involved in this programme.</p> <p>RR & JC to approach points of contact within IChemE to get involved in the Cornwall Space Hub programme.</p> <p>JC – Lots of challenges which could enable all technologies that can come into it.</p> <p>RR – To engage IChemE to get involved. Lots of members of the SWMG can get involved in STEM work, although location may be difficult due to Cornwall.</p>
<p>6.0</p>	<p>Bath University Design Project</p> <p>RR – Provided the committee position on the Bath University Design Project.</p> <p>MN – Added, there is an opportunity for IChemE to get involved with Bath Uni Design Project. Best project for each year will be nominated by lecturers which will be communicated to IChemE members who can judge and select a winner. A certificate will be provided to the winners. Largest design projects are up to 150 pages, concern is how much do we need to look at?</p> <p>RR – Is there a criterion of what is being judged against? What does a year 1 project involve?</p> <p>MN – Explained how the design projects are complete for each year and noted the following key points to consider:</p> <ul style="list-style-type: none"> • Design projects are usually submitted all around the same time period. • Group projects completed through semester 1 which is followed by the individual project. • Each year deliver presentations which already have Unilever present during, usually complete as part of the group work. • Year 1 completed the design project around distillation column. <p>RR – Opened a discussion on the best way to assess design projects that can enhance the students learning whilst requiring minimal number of hours spent by the SWMG members. CF suggested to use the lecturer's assessment to pick the best design project.</p> <p>RR confirmed the lecturers would select 3 of the best design projects which would then be assessed by the IChemE. This could involve the presentation and the report.</p> <p>CG – Raised the point with presentation is that we must listen to the best ones. We must ensure we tie into the design project and introducing new requirements. Typically, Year 1 and 2 has no presentation so maybe we can assess the Executive summary section in combination with lecturer's comments.</p>

	<p>RR – Asked if is better to conduct the assessment in person as part of a separate presentation? MN - 1st 2nd and 3rd this could be an issue as the presentations will be at the end of the semester. How much later is the presentation? (MN) to check the timings and review of design projects with the coordinator of the design projects. MN also questioned how much report does SWMG assess?</p> <p>RR – Added that we would need to consider the level of scrutiny the design projects need to be under.</p> <p>JC – Asked if Bath have any industry backed projects which are assessed? MN confirmed there is some projects recommended by companies. JC suggested members of the SWMG to meet with the teaching staff to find a way on enhancing what students are already doing.</p> <p>RR – Added that the SWMG might be able to review quality of deliverables and asked what is included within the design project? MN confirmed the project will contain reporting, drawings, and calculations.</p> <p>JC – Commented that design projects can have different aspects, some that want to complete theoretical and others that want to do plant design etc. JC queried if the projects differ for students or is it the same type of projects?</p> <p>MN – Confirmed years 1-3 the scope is relatively fixed, whilst final years is more focussed on plant design. MN took an action to retrieve some anonymous examples of design projects.</p> <p>AZS – Queried if the SWMG can only assess certain sections such as sustainability? RR commented this could be possible and is to be confirmed.</p> <p>JC – Also commented that we should be encouraging a broad view of Chemical Engineering as part of these design projects. Quality of the drafting of the report, a big issue is the danger of poor/inaccurate English. Getting the English across is important.</p> <p>RR – Agreed, we should be promoting the broad view in line with the vision. This might be where we can add value. We can set the criteria which we will assess deliverables against. JC confirmed that in learned society there is a concern for this broad view of Chemical Engineering.</p> <p>RR – Anyone that would like to be involved to communicate with RR by email.</p>
<p>7.0</p>	<p>Future Events & Budgets</p> <p>RR – Commented no future events currently but there are some tasks to complete as a committee such as space hub and Bath Design Projects. RR asked If there are any ideas for future events committee members to please volunteer.</p> <p>RR – Also added the SWMG could look to set up a physical event for the end of June. DD – took an action to potentially organise a physical event.</p>
<p>8.0</p>	<p>Next Meeting & AOB</p> <p>JC – Was approached through career hub, someone who completed master’s is looking for companies who might be able to provide experiences. Aiming to apply his knowledge in plastic recycling into useful materials. SB/AL – commented they can update and inform of openings if available and can offer a site tour.</p> <p>JC – Vaccines manufacturing centre, interested in engaging with schools for STEM activities around vaccine stability.</p> <p>RR – Next meeting to be held (2 months’ time) on 8th June. RR closed the meeting.</p>

Action Table

No.	Action	Owner	Timescale
1	Retrieve some anonymous examples of design projects.	MN	8 June 21
2	Engage the design project lecturer to identify the best way for the IChemE to assess students design projects whilst enhancing their learning and experience.	RR / MN	8 June 21
3	Organise a SWMG physical event for June. Can Rotork or Plymouth Davenport waste be open for business?	DD	8 June 21
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