

HVL Hydrogen Webinar

11 June, 10a.m. – 12 p.m.

Q&A-log

Questions	Answers	Comments
<p>Q: "Professor Dhayalan, The pioneers of water photoelectrolysis Professors Fujishima and Honda now claim that the most efficient method to produce hydrogen from water is to use solar energy to generate electricity and use that electricity to electrolyze water. What do you think about this process.",R.M. Gamini Rajapakse</p>	<p>A: ,"Dear Gamini, I think this is the way to go. We have to come in contact with them."</p>	<p>Our graphite is almost 100% pure with purity over 99.99% is very common. We can make very stable electrodes using our own graphite. We can make large electrodes for use in water electrolysis.</p>
<p>Q: "Prof Dhayalan would Be posible structure an Hydrogen procesos, in Southmerica, Guajira University?",Alejandra GUTIERREZ,</p>	<p>A: "Please contact us through mail, we can discuss!"</p>	
<p>Q: What is the Hydrogen privilege over the Electrical driven vehicle or ships? SO why not use Electricity and Lithium-Ion</p>	<p>A: The challenge with batteries is time taken to charge and decharge and the weight!</p>	<p>Thanks</p>

<p>battery storage for greenhouse gas emission reduction goals?",pouria nazaran</p>		
<p>Q: "Prof Dhayalan would Be possible structure an Hydrogen procesos, in Southmerica, Guajira University?",Alejandra GUTIERREZ</p>	<p>A: "Please contact us through mail, we can discuss!"</p>	
<p>Q: In this presentation, [Photoelectrochemical Hydrogen Production - Isacfranklin Melkiyur, PhD Thesis, HVL] CVs show considerable Faradaic behavioiur of redox reactions and there is hardly any capacitive behaviour witin the potential range used."</p>	<p>A: What you said is exactly correct. Our graph shows the well battery type behavior having both faradaic and non-faradaic effects. We have calculated its capacitive and diffusive contributions in terms of the specific capacity using Trasatti method. The results delivered 89.96% due to diffusion and 10.06% due to capacitive effects.</p>	
<p>Q: To Sivagori and Isacfranklin: What is the hydrogen purity of the output gas?</p>	<p>A: It is pure but mixed with some inert gas</p>	
<p>Q: Hope it's possible to get copy of the presentations.</p>	<p>A: We will share presentations after the webinar, for those of the presenters who agree. This will be shared on the website of the conference: [link]</p>	