

電漿所各實驗室自辦安全衛生教育訓練

日期時間：(至少 1 小時)

實驗室：脈衝電漿實驗室(Pulsed-plasma laboratory)

工作環境、緊急安全作業程序與通報說明：(請針對各實驗室屬性詳細說明工作環境的狀況，包括工作地點、工作場所的設施、佈置及機械設備等項目，並說明緊急狀況如何應對與通報。請貼上講解上課現場照片)

- No high-voltage experiments allow after midnight. High-voltage experiments at night are not suggested.
- No food, no slippers, no music, no headset allowed in the experimental area. Toe-cover shoes are required in the experimental area.
- No food garbage allowed in the lab (including student-office area).
- The last one who left the lab (including student-office area), check if all power, gas line, are off.
- Body system is used for high-voltage/high-power-laser experiments.
- Wear gloves when you are working with vacuum components and chemical solvent.
- Warning signs – High voltage, lasers.
- High voltage:
 1. When working with capacitors, ≤ 10 V is defined as safe.
 2. To dissipate stored energy in capacitors, use chicken sticks (grounding sticks) with wearing thick-plastic gloves. (a) Use resistive chicken stick for 10 s; (b) use non-resistive chicken stick; and (c) check if the voltage of capacitors drops below 10 V..
 3. When working with High voltage, turn the high voltage sign ON. People are not allowed to enter the PGS-system area.
- Lasers:
 1. When laser warning sign is ON, laser goggle is required in the experimental area in all time.
 2. After experiments, make sure all optics are covered with plastic bag.
- Safety goggle is required when working with any mechanical work.
- Keep the hood running at least 30 mins after using chemical solvent in the hood. It's to make sure no residue chemical vapor remains in the hood.
- There are two CO₂ fire extinguisher first if the lab is on fire.
- If the laboratory is on fire, first turn off the power before trying to put off fire. If the fire happens in the high-voltage area, do not enter the high-voltage area directly. Try to use the fire extinguisher outside the high-voltage area.

可能危害因素 (請打 v 可複選)	應採取之危害防止對策： (應詳細告知作業程序、禁止及應注意事項、應實施之防護及監督作為，及其他勞工安全衛生法令應注意之相關規定，以上事項不得概括告知)
<input type="checkbox"/> 墜落滾落 <input type="checkbox"/> 溺斃 <input checked="" type="checkbox"/> 跌倒 <input type="checkbox"/> 與高低溫接觸 <input type="checkbox"/> 衝撞 <input checked="" type="checkbox"/> 與有害物接觸 <input type="checkbox"/> 物體飛落 <input checked="" type="checkbox"/> 感電 <input type="checkbox"/> 物體倒塌崩塌 <input type="checkbox"/> 土方崩塌 <input type="checkbox"/> 被撞 <input type="checkbox"/> 物體破裂 <input type="checkbox"/> 被夾被捲 <input type="checkbox"/> 火災 <input checked="" type="checkbox"/> 爆炸 <input checked="" type="checkbox"/> 被切割擦傷 <input type="checkbox"/> 交通事故 <input type="checkbox"/> 踩踏 <input type="checkbox"/> 其他：_____	<ul style="list-style-type: none"> ● 跌倒：Watch your steps when walking in the lab. ● 與有害物接觸：Wear gloves, goggles, and toe-cover shoes. ● 感電：Wear thick-plastic gloves. Dissipate energy in capacitors via chicken sticks. ● 爆炸：Dissipate energy in capacitors via chicken sticks. ● 被切割擦傷：Wear goggles.
以上危害事項應主動採取防止對策並依勞安法及其相關規定辦理，另就本單所告知事項再轉達工作人員遵守，俾防止職業災害發生。	
實驗室負責人簽章： 工作人員簽章：	

備註：依「職業安全衛生教育訓練規則」第 16 條規定，使用線上教學或 DVD 一般安全衛生教育訓練者，其訓練時數得抵充一般安全衛生教育訓練時數至多 2 小時。不足之訓練時數需另行補足之。

※請於進實驗室前完成教育訓練及本表並送所辦存查