

## 세미나 초록

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<b>발표 주제</b>	양자점의 무한한 가능성 (The infinite possibility of quantum dots)
<b>발표 내용</b>	<p>Quantum dots also known as quasi zero dimensional systems are nanostructures with a wide range of engineering applications. In this presentation, we will overview the definition, history, structure, and optical properties of quantum dots and half of the presentation discusses some properties and applications of quantum dots. With their interesting and unique optical properties, some quantum dots also exhibit semi-conducting properties resulting in potential applications in electronics, biology, and energy applications. Among these diverse applications, we will focus on display applications. Lastly, I have prepared a brief job description for junior graduate students.</p>