

12th Asian Physics Olympiad, 1-9 May, 2011, Tel-Aviv, Israel

Physics



What's on your mind?

News Feed

Sightseeing in the green north ▶ Tamar Amir



Oh, what a day! Northbound, we were awed by fields of green and rolling hills all about, arriving to the western gate of Emek Izrael. We visited the impressive 6000 year old remains of 32 civilizations at Tel Megiddo. The earliest settlement was from approximately 7000 BC and the last settlement was destroyed around 586 BC. In ancient times Megiddo was a large city state that sat on a strategic location on the trade route between Egypt and Assyria. King Thutmose, the greatest conqueror in ancient Egypt that co reigned with queen Hatshepsut has described in length in one of the found hieroglyphs the tough battle that his army has waged against the armies of the Canaanite forces in Tell Megiddo. Even today, Megiddo sits on a major junction, connecting the centre of Israel to the lower galilee. we witnessed the reason for which this particular location on the outskirts of the Izrael Valley had been originally chosen for its fertile land and beautiful view. build upon—the spring that presented a tremendous water source for the people. Arriving at Mitzpe Shalom, or, the Peace Lookout, we took a deep, fresh breather as we gazed over the clear blue waters of Lake Kinneret. Back on the bus, we drove counter-current to the rapids we would soon be rafting down. At Park Ha Yarden, we changed into swimsuits and buckled into life jackets, piling into kayaks and splish-splashing along the rocky Jordan River. A sizzling BBQ lunch greeted us upon our return, making the adventure more rewarding still! And what a day it was...chalk-full of fun, abuzz with history and escapade, laughter and playfulness.

People You May Know

See all

Who is your inspiration for studying Physics?



Thipok Rak-amnuykit ▶ Thailand

My teacher and team leader in this Olympiad. I first met him when I was in 8th grade, and he was my first Physics instructor. Studying Physics means to learn about the phenomenons of nature, and he has made me understand that Physics is great and fun.

about an hour ago • Like

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Zhaslan Baraissov ▶ Kazakhstan

My "inspirator" is my schoolteacher. He has been teaching me Physics for 8 years, since the fourth grade. Every time he explains a Physics phenomenon, the formulas he uses show me its beauty.

about an hour ago • Like

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Evan Laksono ▶ Indonesia

Einstein, definitely. I like him because he is very creative and brave. He had the courage to be controversial and use his imagination, and that is how he created the theory of relativity. He inspires me so much.

about an hour ago • Like

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Yesterday's album

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Friday Pictures
6 photos



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6 photos



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Friday Pictures
6 photos



Friday Pictures
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DC to DC Transformers are electronic circuits classed as "power converters", which transform one source of direct current (DC) from its particular voltage to another required voltage level. These Converters work to either refresh the power supply of devices running on a battery at a certain voltage level, or at recharging a sub-circuited appliance that is either higher or lower in its voltage than that of the external supply of energy.

Within the DC (Converter) family are a few members, each one a little different in its role function. Firstly, methods of conversion can be either Electronic or Electrochemical. Electronic conversion paths include Linear—mainly of practical use when the current is low, as these regulators can only output at lower voltages than the input—and

Switched-mode conversion, which effectively converts one input voltage from a DC source to another, by temporarily storing it and releasing its converted energy to the output source thereafter. Switched-mode transformers can be either Magnetic or Capacitive, and within these two sub-methods are several other streams of functional precisions and choice modes. Electrochemical conversion is actually something in the works—the use of "redox flow batteries" in the transforming of kilowatt to many megawatts is a method not yet on the market, and is currently waiting for its commercial application.

Easily looked over, the DC to DC Converter is a smart little invention, one that without which, even this text could not be published.

May 7 at 7:10am Like • Comment • See Freindship

Yesterday's album



Friday Pictures
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Friday Pictures
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Friday Pictures
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Friday Pictures
6 photos



Herzliya is one of the major cities on the coast of Israel. It is connected to Tel Aviv and is part of the large metropolitan area that is called 'Gush Dan' (meaning Dan bloc) . **This dense part of Israel includes many cities including Ashdod, Holon, Bat Yam and more. Even though it is a relatively small part of the country it contains almost half of Israel's population.**

The name of this coastal city is derived from 'Theodor Herzl'.

Herzl was an Austro Hungarian Journalist and writer. He is considered to be the visionary that inspired the creation of a Jewish state.

The city was founded in 1924. Originally it was a small cooperative agrarian community, but with the establishment of the Israeli state in 1948 it received numerous amounts of immigrants, shortly after it had become a city. Herzliya is one of the wealthiest cities in Israel, with an above average income rate. As such it offers its residents a high quality of life that includes one of the country's leading educational systems, a private collage, and various cultural and recreational centers. The City also has a boat marina, a small airport and houses one of the country's largest television and film studios.

Today's Program

May 7, Saturday [Like](#) • [Comment](#) • [See Freindship](#)

Students

09:00-13:30 Social and bonding activity [Ramat Gan national park](#)
13:30-15:00 Lunch "[Kfar Maccabiah](#)" hotel
15:00-18:00 Free time
18:00-19:00 Dinner "[Kfar Maccabiah](#)" hotel
19:00-19:30 Saturday night outing: [Herzliya Marina](#)
19:30-20:45 Free time at [Marina Mall in Herzliya](#)
20:45-21:00 Travel to [Cinema City](#)
21:30-23:00 Private film screening at [Cinema City](#)
23:00-23:45 Travel to [Ramat Gan](#)
24:00 Lights out

Leaders, Observers and Visitors

09:00-13:30 Moderation session [Crowne Plaza hotel](#)
13:30-14:30 Lunch [Crowne Plaza hotel](#)
14:30-19:00 Continuation of moderation session
19:00-20:00 Dinner [Crowne Plaza hotel](#)
20:00-22:00 Free time
22:00-23:00 Convening of the Academic Council
& declaration of winners

Sentence of the day

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"KOL HAPOSEL BEMUMO POSEL" This sentence from the 'Talmud' states that passing judgment on someone's flaws and short comings is equivalent to judging yourself. It suggests that we find our own flaws in others and tend to blame them, while avoiding the simple fact that we too are incomplete beings with apparent downsides and flaws.

about an hour ago • [Like](#)

Featured



Saturdays Weather

Sunny

Max. Day Temperature 26°C

Min. Night Temperature 15°C

UV Index 10 Very High