

Artist Avital Geva won the Lifetime Achievement Award for visual art in 2013 from the Ministry of Culture and Sports. The award is given to artists over 55 in appreciation of their unique contribution to the advancement and enrichment of visual arts in Israel. Avital Geva is a conceptual artist who began working in the early seventies. After completing his studies at the Avni Institute, he abandoned painting and, influenced by Yitzhak Danziger, he became involved in several experimental projects. In 1972, along with fellow artists Moshe Gershoni, Micha Ullman, and Yehezkel Yardeni, he initiated an improvised library with thousands of books collected from recycling containers. During the early eighties, he devoted himself to "The Ecological Greenhouse" at Ein Shemer - a utopian project that began as an experimental lab for growing cucumbers, and which, in 1992, was exhibited at the Venice Biennale gaining international attention and extensive coverage.

The David Yanai Prize for excellence in academic education was awarded to ten professors at the Technion, among them Professor Dafna Fisher-Gewirtzman, Faculty of Architecture and Town Planning at the Technion. Congratulations +... Like.

Interior Designer Asher Elbaz won the competition to design a monument at the entrance to Rishon LeZion. Congratulations to you too, and Like.

The winners of the international competition for a solar tower at the thermal power station - "Ashalim" in Ramat HaNegev, were architects Eran Ziv and Yizhar Kedmi. Second place went to architect, Amir Malul, and third place - to architects Misha Breznak and Na'ama Blonder. Honorable Mention went to Tsamir Architects and Yael Oku Architects; as well as to Architects Ittai Palti and Jonathan Canetti. Student track winners were Uri Bleicher from WIZO, Haifa, Eyal Lantzman and Adi Frug from Bezalel, and Ido Shavit, Technion. The tower's height is approximately 240 m.

events

The Young Architects Forum - probably the largest architectural organization in Israel - numbers more than 1200 students and architects after three years of activity. An independent organization

it is attempting to reinforce the role of architects in view of the impotence of the Architects Association, which has failed to take any real action against the Registrar, who dominates the architectural education, internship, and practice. The Forum's most important achievement so far is raising awareness of the problems of the most ancient profession in the world, including a strike during December in all architecture faculties in the country. Although the strike lasted only two hours, this is undoubtedly the way to stop the exploitation of young architects in particular, and graduates in general; and an excellent opportunity to invite anyone who cares to join the forum and feel young and kicking again.
<http://www.yia.co.il> www.yia.co.il

exhibitions

Between the Frames - a photography exhibition by Hagai Ben-Yehuda is on display at the Holon Theatre Gallery until 19 February (any minute now). Born on Kibbutz Neot Mordechai, Hagai captures the language of modernist architecture, with its clean geometry, rhythm, repetitive elements, and light and shadow play.

Curator: Orna Fichman.

Over the Rainbow - exhibition at the Israeli Center for Digital Art, presents works by 11 international artists who explore the difference between personal identity and that imposed on us in the name of a promise of harmony that never materializes. Among them is British artist Jeremy Deller, who represented UK in 2013 at the Venice Biennale with his work English Magic; the Danish group "Superflex" with their work "Flooding McDonalds", featuring a McDonald's branch that was reconstructed in detail and then flooded with water.

Curator: Ran Casmi-Ilan.

Feminine Participation exhibition by Yael Sanino Levy and Raheli Yosef, will open at the Hankin Gallery in Holon prior to International Women's Day. Both hold a dialog, at the heart of which is nature and the female body that grow, flourish and wither. By the way, men too...
 Closing: 22/03/14.

Curator: Vivi Gan-Mor.

Projects

An Industrial Training Campus is planned at "Matlul Tzurim", above Karmiel and Beit

HaKerem Valley in the Galilee.
Plesner Architects

Two community centers have been completed in Netanya - one in Kiryat HaSharon, named after Sefi Rivlin, and the second in Ir Yamim, named after Arik Einstein.

Architect Zvi Mosessco

A cluster of kindergartens and an educational center was recently inaugurated in Kfar Shmariyahu. The project covers an area of 2,800 square meters, includes six kindergartens, a spacious lobby, crafts room, and a gym. It makes one wonder how much it costs and who's paying for it, and why isn't there something like it in other agricultural settlements...

Architects: Yehoshua Shoshani, Associate architect Dror Somberg

Interior design: Sarit Shani Chai.

students

The Faculty of Architecture at the Technion is upgrading and students will now receive a M.Arch upon graduation. Although the new degree will require a sixth year of study, it should save a year of internship, since according to law, internship duration for Master Degree holders is two years instead of three.

<http://architecture.technion.ac.il/>

Architecture students from Wizo, Haifa, redesigned an existing space in the "Intel" offices in Haifa. Shay Feibish and Yehuda Ephraim's submission won first place; in second place - Tal Levy and Uri Bleicher (who will go far), and in third place - Marian Krupnik and Amir Rosay.

Supervisors: Lanka Cederbaum, Hadar Ron, and Nirit Filosof.

And nearby ... the Chava Gallery in Holon is exhibiting five installations by Wizo Haifa students, that express the relationship between human body and space.

Curators: Rotem Ritov and Ra'anana Stern.

That's all for now, write in...

Rachel Ben-Aharon. ruchi@netvision.net.il



רפואת שיניים דיגיטלית המדרין המלא (חלק א')

רפואת השיניים עוברת מהעולם האנאלוגי לעולם הדיגיטלי.

מכשור חדשני הופך את הטיפול לחזוי מראש, מדויק ופחות כואב

היופי של השיניים והחיוך נמדד ע"פ קריטריונים מתמטיים קבועים, כמו יחס הזהב ותיאורית קו החיוך.

איך נדע אם בסיום טיפול אסתטי – תהיה תוצאה משביעת רצון? תוכנת ומכשור מיוחד יעזרו לנסות לחזות מראש את התוצאה הסופית, לדייק יותר, לקצר את הטיפול ולהפחית את הכאב ממש. ד"ר קוסאי מסארוה מסביר על עולם רפואת השיניים הדיגיטלי.

צילומים:

לפני תחילת טיפול מבוצעים צילומים דיגיטליים בעזרת מצלמה רגישה במיוחד. צילומים אלו משמשים לתכנון הדיגיטלי של החיוך. אם מתוכנן טיפול כירורגי בעזרת שתלים, אז מופנה המטופל לצילום הסיטי. הרופא יוכל לקבל תדפיס תלת ממדי של הלסת מפלסטיק. הוא מחזיק את הלסת המודפסת פיזית. ביד ויוכל לתכנן את הטיפול עם תובנות מעשיות. בעזרת הצילום הדיגיטלי מתכננים את הגודל, הצורה והצבע המבוקש.



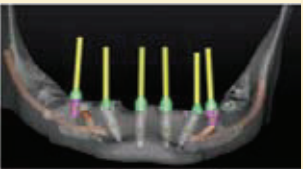
(צילומי פנים ושיניים לפני הטיפול: צילום "דנטסמיל")

(תכנון דיגיטלי לשיפור החיוך: צילום "דנטסמיל")

תכנון וירטואלי של הניתוח:

עד לפני שנים אחדות היה הקריטריון להצלחת ההשתלה אי הדחיה על ידי הגוף. היום הרישיות השתנו לממדים של אסתטיקה ויפי. מזינים את נתוני הסיטי לתוכנה מיוחדת ומתכננים ממש את הניתוח וירטואלי. אפשר לחזות איזה מספר שתלים הכרחי, גודל וקוטר השתלים, מיקומם המדויק שלא יפגע בכלי דם או עצבים, ובעיקר המראה כמעט סופי של הכתרים. בהוראה פשוטה מתקבל סד כירורגי לניתוח. שבלונה שדרכה מחדירים את השתלים ע"פ התכנון הוירטואלי. זה הופך בדרך כלל את החיתוך והתפירה למיותרים. את ההרדמה הרגילה מחליפה הרדמה בעזרת מזרק ממוחשב קטן ביותר שדואג לפיזור מאוד אטי של חומר ההרדמה, כך שגם שלב זה הופך לפחות כואב ופחות תלוי ב"דיים" של הרופא ובמצב רוחו.

ניתוח ההשתלה הופך יותר מדויק ופחות כואב, אך הכי חשוב: צפוי מראש. החדרת השתלים מתבצעת ע"פ תכנון כמו ב-GPS.



(תכנון וירטואלי של השתלים: צילום "דנטסמיל")

(הסד הכירורגי לפני ההשתלה: "דנטסמיל")

שיניים זמניות דיגיטליות:

בתכנון הקודם של הניתוח תוכננה צורת הכתרים הזמניים. אם פעם הרופא היה מתחיל לאלתר שיניים זמניות שבקושי התאימו, אזי בעזרת מדפסת תלת ממד מיוחדת מדפיסים את הכתרים הזמניים ע"פ התכנון.



(תכנון והדפסה תלת ממדית לשיניים הזמניות)

ד"ר קוסאי מסארוה מנהל מרפאת "דנטסמיל" לרפואת שיניים דיגיטלית
 המשרך בעמוד 69 www.dentsmile.org

competitions and prizes

Following are the winning projects in the project of the year competition, and the Emilio Ambasz award for green architecture:

Built Category

First place: Eran Mebel Architecture / Bazan oil refinery, visitors center, Haifa bay.

Second place: Schwartz Besnosoff Architects / Robert & Yadelle Sklare Library, Kinneret Academic College, Emek HaYarden.

Shared 3rd place: Yoav Messer Architects / Shneur Cheshin House, HaYarkon Park.

Shared 3rd place: Belzberg Architects / Holocaust Museum, Los Angeles.

Honorary Mention: Pitsou Kedem Architects / Urban Villa, Tel Aviv.

Honorary Mention: SO Architecture / Yad Lebanim, Neshet.

Landscape Category:

First place: Asif Berman, Noa Barot - Landscape Architects/ "City Park", Rager Boulevard Be'er Sheva.

Second place: Braudo Maoz Landscape Architects, studio program 1 / Theme Park, Rishon Lezion.

Third place: Ishai Wilson Architecture/Netanya City Center.

Interior Design Category:

First place: Architect Pitsou Kedem, Studio Baranowich - Amit / Taizu Asian Restaurant, Tel Aviv.

Second place: Paritzki & Liani Architects / Fervital I Antolini Gallery, Emek Hefer.

Pre-Built Category:

First place: Architect Nir Ben Natan/Israeli gesture to Japanese citizens.

Second place: Architects Yehuda Or-Naimi, Omri Rimon / Day-Care Center, Be'er Sheva.

Third place: Schwartz Besnosoff Architects / Check Point Building, Tel Aviv University.

Research Category:

First place: Dr. Anna Lobovikov-Katz / ELAICH: educational linkage approach to cultural heritage.

Second place: Architect Yonni Avidan M.Sc., Faculty of Architecture, Technion Haifa / Talking architecture: language, its place and roles in the architectural design process.

Third place: Architect Dr. Nora Huberman-Marriott, Ben-Gurion University of the Negev/Roof form as an energy saving function

Honorary Mention: Architect Dr. Eran Kaftan, Ben-Gurion University of the Negev / Integrating practical research into the design process.

Honorary Mention: Architect Daphna Drori, Architect Prof. Edna Shaviv / Computer-aided design tool for water efficient gardens and green open spaces.

Student Category:

First place: Einat Lubliner / Intervention in Yad Eliyahu.

Second place: Einat Lubliner, Orli Milik, Tal Mendola / Haifa Port, Rear Zone.

Third place: Hani Osterman / "Air Purifier", Moshav Rinatia.