

# IMCZ NEWS



JULY 2014

## EDITORIAL

### Summer Days

Summer is at last here, and the tidings are reasonably favourable so far. One of the more attractive features of living in this part of the world, are the distinctive and opulent seasons. Winter is white and cold, and it has become a tradition for the IMCZ to organise skiing outings then. Spring is strikingly radiant and beautiful. Summer is sunny and warm, at least most of the time, and autumn is just that, autumn. This summer was heralded by a most spectacular show of fireworks and a fantastic air-show by the famous Patrouille Suisse, at the Zuger Seefest on Saturday June 28. This is the time of the year to take an annual holiday and visit exotic faraway places or enjoy the countless opportunities for open air sports: Jogging, biking, swimming, boating, hiking, paragliding, diving, you name it. This country has so much to offer. Let us all enjoy the summer and drop in at the weekly Stamm to talk about it.

**Muthana Kubba**  
Newsletter Editor  
[newsletter@imcz.com](mailto:newsletter@imcz.com)



## FUTURE EVENTS

- WEDNESDAY JULY 16, **Bowling at the White Line Bowling Centre, Meierskappel** [Stephen Butterworth](#)
- WEDNESDAY AUGUST 20, **Bowling at the White Line Bowling Centre, Meierskappel** [Stephen Butterworth](#)
- SUNDAY AUGUST 24, **Annual Barbecue** [Siehbachsaal, Chamerstr. 24 in Zug](#)
- MONDAY SEPTEMBER 8, **Visit to the Pilatus Aircraft Works** in Stans 14:00-17:00. *More details to follow.*
- WEDNESDAY SEPTEMBER 17, **Bowling at the White Line Bowling Centre, Meierskappel** [Stephen Butterworth](#)
- THURSDAY SEPTEMBER 18, **ZIWC & IMCZ joint Stammtisch** at [ParkHotel, Zug](#) [events@imcz.com](mailto:events@imcz.com)
- MONDAY 27TH OCTOBER 2014, **Fresh Water Plant visit**, Zug, 1830-1945, [events@imcz.com](mailto:events@imcz.com)
- WEDNESDAY NOVEMBER 12, **ZIWC & IMCZ joint Stammtisch** at [Park Hotel, Zug](#) 18:30-20:30, [events@imcz.com](mailto:events@imcz.com)
- SATURDAY 13TH DECEMBER, **ZIWC & IMCZ Christmas Dinner in Casino**, [events@imcz.com](mailto:events@imcz.com)

## IMCZ

Introducing...new members

THE IMCZ WELCOMES:

### Stephen Remy

Steve was born and raised in Cape May, New Jersey and is a dual US & French citizen (Steve's father was French). Steve has spent the last 20 years in business development roles across insurance, mutual funds, hedge funds and private equity. During this time Steve has lived in New Jersey, Edinburgh, London, Geneva and now Lachen (SZ). Currently, Steve is in charge of business development for Brasidas Group, a boutique business intelligence firm specialized in the frontier markets across the public and all private sector industries.



Steve has his degree in Finance and Communications from Seton Hall University in New Jersey. Steve and his French wife Cecile have been married for 10 years. Together they have two daughters, ages 8 and 6 years old, who keep them on their toes. Steve enjoys sports, travel, meeting people, reading and family time.

### Aleksander Sakowski

Aleksander hails from Poland, He graduated from the Maritime Academy in Szczecin, and worked for a couple of years as a seaman in the Polish and Danish Merchant Navies. In 1992 he permanently left the Navy and settled near the southern Polish city of Krakow. Now, for nearly 20 years, he has been working in the non-ferrous metals business, with focus on Aluminium. Originally he started work in this field with a Polish company, "Grupa KETY", he then moved on to Cyprus working for Alumtrade Ltd and finally landed in 2007 in Zug with the world's largest aluminium trading company: UC Rusal from Russia. At present he is working as the trade representative in Switzerland of Alumetal Poland. He lives in Zug with his wife and two sons who are now studying in the UK. He enjoys reading, biking, numismatics (collection of coins) but above all hiking in the Swiss Alps.



## IN THIS ISSUE

### PAGE 1

- Editorial
- New Members
- Future Events

### HEALTH P.2

- Do you remember acrylamide?

### SCIENCE/TECHNOLOGY P.3

- Greening the Deserts

### TRAVEL AND LEISURE P.4

- Cruising Cape Horn, Part 5

### SPORTS P.8

- AIRPOWER: The Patrouille Suisse Takes to the Skies over the Lake of Zug

### SELECTIONS P.10

### HUMOUR P.11

- Various

### TIDBITS P.12

- Member's Marketplace
- IMCZ Rates
- Corporate Space

## YOUR NEWSLETTER GOES PUBLIC

The board had decided to make the current Newsletter available to everyone.

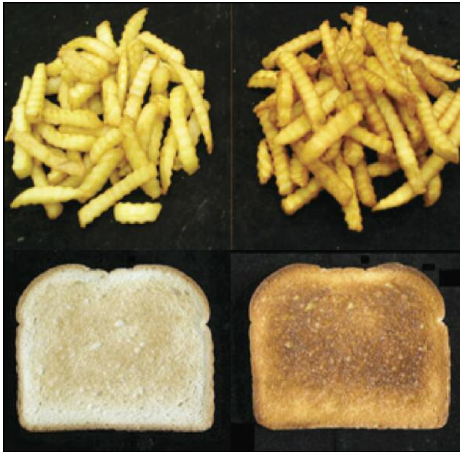
Visitors to our site [imcz.com](http://imcz.com) can read the current Newsletter under About Us -> Current Newsletter



## Do you remember acrylamide?

Contributed by IMCZ member Remo P. Jutzeler van Wijlen,  
Head R&D Sponsor Sports Food Ing. Appl Food Sciences, MAS Nutrition & Health ETHZ

About ten years ago, acrylamide hit the news as a previously unknown cancer-causing substance in high-temperature processed foods. Acrylamide caused cancer in animals in studies when exposed to acrylamide at very high doses. Quickly consumer protection organisations pointed to food manufacturers and called for regulatory action and boundary values. Since then a lot of action has been taken on the industrial level. But honestly, who recalls acrylamide and – more important – its implications regarding formation and intake at all?



Acrylamide is a chemical substance formed during the preparation of starch-containing foods from the reaction under high temperatures, (e.g. baking, roasting, or frying) of sugars (e.g. glucose, fructose) with certain amino acids which are naturally present in food. It does not come from food packaging or the environment. Boiling and steaming do not typically lead to acrylamide formation. Obviously, acrylamide must have always been present in heated foods. However, it was first detected in processed plant foods such as potato chips, French fries, bread, crackers, and (most horribly;-) coffee in 2002. In dairy, meat, and fish products, acrylamide forms only at substantially lower levels, if at all. Generally, acrylamide is more likely to accumulate when cooking is done for longer periods or at higher temperatures.

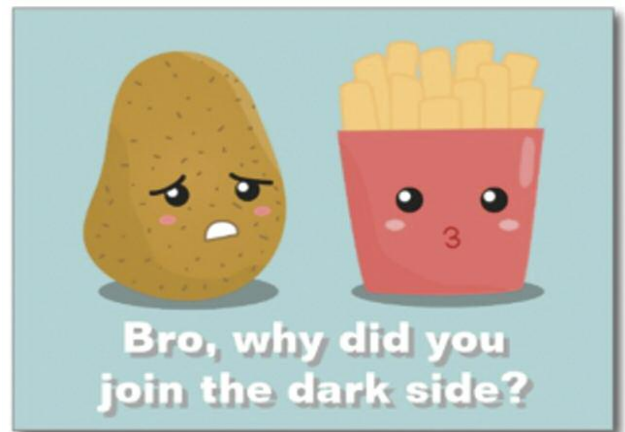
According to *Cancer.gov*, 120°C seems to be the magic temperature, above which more acrylamide forms. On the other hand, foods heated to below 120°C do not seem to contain the chemical.

During the past years, regulatory bodies have undertaken a lot of risk assessments and have created reports, guidelines and directives for the food industry. In 2005, the European Food Safety Agency EFSA concluded that the proven carcinogenicity and genotoxicity of acrylamide in animal trials could substantiate a potential health risk in humans. Referring to this risk assessment, the European Commission called on member states to survey acrylamide contents in food for several years. Finally, based on food analysis data during the years 2007 to 2012, boundary limits for relevant food categories were proposed at the end of 2013. It is noteworthy that an assessment of consumer exposure to acrylamide is still going on. It is expected to finish in 2015. All this activism may appease public watchdogs and concerned consumers. It is certainly a governmental duty to take action when public health is in danger. However, there is also a danger of not seeing the forest for the trees! From the hundreds of studies on consumer exposure to acrylamide content in foods, we now know that the highest amounts of acrylamide are derived from home-prepared food! In our kitchen we do not have high-tech control of process temperature and time or colour-sensitive air-jets, which eject overly dark fries when they leave the frying unit. If our toast is too dark we just scrape it a bit with a knife. Howsoever, consumers and the media apparently do not care too much anymore, as it has become very quiet about acrylamide lately. In any case, authorities' activities should be proportional to a health concern's relevance and origin, and not give the impression of mainly serving to appease concerned parties.



Here are some concluding messages to take home:

Industrially produced foods prone to forming acrylamide are now strictly controlled for its content and therefore of no concern. Regarding your own cooking consider the following: Keep potatoes outside the refrigerator in a dark, cool place. Storing potatoes in the fridge can increase the amount of acrylamide that forms when they're cooked due to an increased transformation of starch into so-called reducing sugars, which are more reactive. It is also recommended to soak potato slices in water for 15-30 minutes before cooking to reduce the amount of acrylamide that will form. Fry your fries and roast your Rösti as lightly as you can accept! Toast bread to a light brown colour rather than a dark brown colour!



<b>IMCZ</b> <b>BOARD MEMBERS</b> Board Member bios are posted under the following link: <a href="http://www.imcz.com/Board.asp">http://www.imcz.com/Board.asp</a> . Go ahead and check them out!	<b>PRESIDENT</b> <b>Andy Habermacher</b> 078 815 8837 <a href="mailto:President@IMCZ.com">President@IMCZ.com</a>	<b>VICE PRESIDENT NEWSLETTER EDITOR</b> <b>Muthana Kubba</b> 079 340 2592 <a href="mailto:Newsletter@IMCZ.com">Newsletter@IMCZ.com</a>	<b>SECRETARY</b> <b>Adrian Luedi</b> 079 871 7136 <a href="mailto:Secretary@IMCZ.com">Secretary@IMCZ.com</a>	<b>TREASURER</b> <b>Max Leyherr</b> 076 272 3822 <a href="mailto:Treasurer@IMCZ.com">Treasurer@IMCZ.com</a>
	<b>STAMMTISCH AND MEMBERSHIP COORDINATOR</b> <b>Amit Purohit</b> 078 620 0242 <a href="mailto:Stammtisch@IMCZ.com">Stammtisch@IMCZ.com</a> <a href="mailto:Membership@imcz.com">Membership@imcz.com</a>	<b>EVENT COORDINATOR</b> <b>Danilo Bertocchi</b> 079 202 4603 <a href="mailto:Events@IMCZ.com">Events@IMCZ.com</a>	<b>WEBMASTER</b> <b>Roger Brooks</b> 079 583 9935 <a href="mailto:webmaster@imcz.com">webmaster@imcz.com</a>	

## Greening the Deserts

Contributed by IMCZ honorary member and Newsletter Editor Muthana Kubba

I grew up in an arid land, and water was a rare commodity which had to be used sparingly. On average there were only 34 rainy days annually in Baghdad. Trips to the desert at the end of the rainy season were a fascinating experience. The vast expanses were no longer dusty brown dunes but green carpets as far as the eye could see. It was full of life, birds flocking, rats and rabbits everywhere and insects galore. Alas, soon the blazing sun would dry it out and everything would be gone till the next season. As a young boy, I often dreamt of finding out ways to maintain the green and enliven the desert, but had no idea how to do it, short of changing the climate itself.

Later on in life, after I finished my education and became versed in physics and engineering, the dream never left me. At one stage in my life, I seriously considered a scheme for using the blazing sunlight to desalinate seawater on an industrial scale and then use the desalinated water for irrigation. However, all the dreams proved to be simply pipedreams from the commercial point of view. The returns simply do not justify the capital investment required.

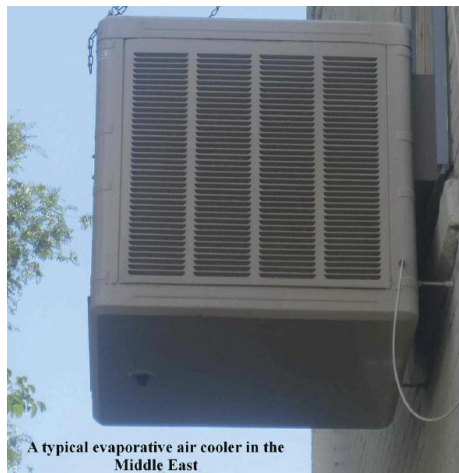
In the long or very long terms however, there still a case to be considered. With a circumference of 40'000 km, the surface area of our planet is around 507 million square km. The oceans cover around 71% of it, leaving around 147 million km<sup>2</sup> landmass areas. Taking out Antarctica and inland seas and lakes, leaves around 114 million km<sup>2</sup> divided between Asia, Africa, North and South America, Europe and Australia. According to NASA, at least one third of the above areas are hot deserts, with very harsh conditions for plant and animal life. This means that a whole of 38 million square kilometres of the Earth surface is desert, that is more than twice the size of the largest country in the World, Russia ([http://en.wikipedia.org/wiki/List\\_of\\_countries\\_and\\_dependancies\\_by\\_area](http://en.wikipedia.org/wiki/List_of_countries_and_dependancies_by_area)). (compare the total land area of Europe is less than 10 million km<sup>2</sup>).

### Seawater Greenhouse

With increasing world population and finite fossil fuel reserves, the pressure to find alternative sources for food and energy production shall increase incessantly, which is why I was very pleasantly surprised to read about first successes in [greening the deserts](http://eandt.theiet.org/magazine/2014/06/greening-the-desert.cfm) (<http://eandt.theiet.org/magazine/2014/06/greening-the-desert.cfm>) on an industrial scale. The importance

of greening the deserts as opposed to using them for utilising sunlight to generate electricity whether by photovoltaic panels of reflective mirrors, can be discerned when considering that the sunlight is used to generate hydrocarbons thus absorbing in the process carbon dioxide and generating food.

The beauty of the systems under consideration is that they are simple, low cost and can stand alone by themselves. What is most crucial is that they can deliver the required products economically and efficiently.



The idea behind the new system is that instead of using greenhouses to trap heat, the 'seawater greenhouses' (<http://www.seawatergreenhouse.com/>) act as cool houses for growing crops and producing fresh water for irrigation.

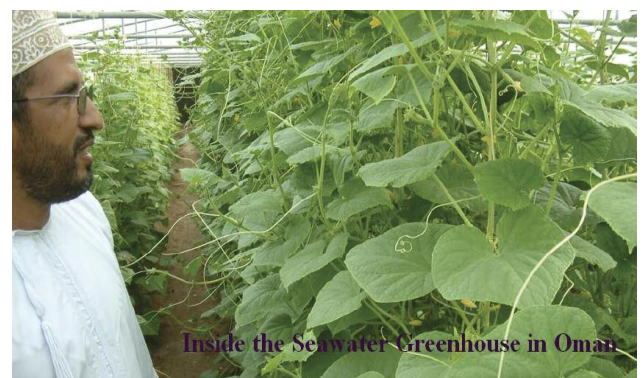
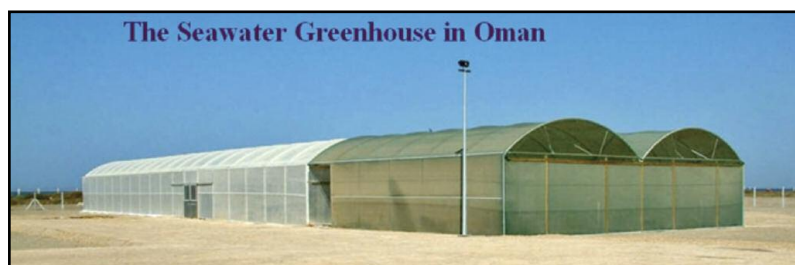
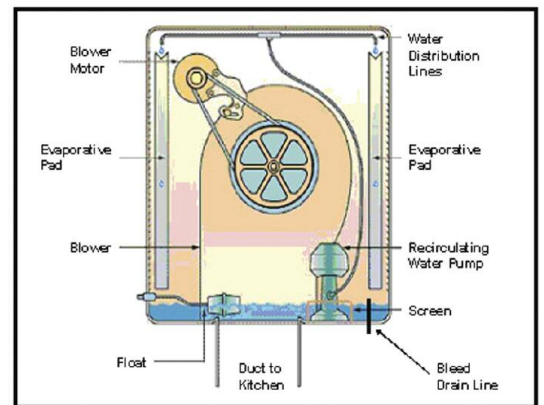
The concept was first thought out by a certain Mr. Charles Paton some 20 years ago. The seawater greenhouses are cooled by using evaporative coolers which blow in air from the outside using seawater as the evaporative coolant.

We all know what evaporative cooling is and how it works. Instead of using air conditioning which is expensive in both acquisition and running, evaporative cooling is used in many countries. Water is circulated to drip on the walls of the cooler, which are filled with cotton wool or any other similar porous material. As air is blown in, it evaporates some water and drops in temperature as a result. If you remember, from your physics days, wet bulb and dry bulb

temperatures, then the evaporative cooler simply reduces the air temperature from the dry bulb temperature to the wet bulb one, increasing its humidity in the process. The process in the seawater greenhouses is simply more efficient, and humidity is raised to above 90% and the resulting air temperature is within 10% of the wet bulb temperature in that location. Needless to say, the water used for the evaporative cooling is seawater and the resulting brine is replaced frequently in order to avoid too high concentration of salt in the cooling water. The only energy required is that to run the air blower and water circulating pump, as well as the pumps for the seawater. Such minimal amounts of energy can easily be obtained in remote areas by photovoltaic panels.

Under such high humidity conditions inside the greenhouses, dew forms at night when the outside temperatures drop, thus providing irrigation water to the plants which need anyway little water due to the high prevailing humidity.

The Seawater Greenhouses Company, has installed a "Proof of concept plant" in Tenerife in the Canary Islands, and has running projects in Australia, Oman and Abu Dhabi. Plans are at hand for installing plants at the Horn of Africa and Yemen to help feed the generally poor population which depends now wholly on imported foods. In addition the Sahara Forest Project (<http://saharafortestproject.com/projects/qatar.html>) Qatar uses Seawater Greenhouses, quite successfully.



## Cruising Cape Horn, Part 5

Contributed by IMCZ board member and Webmaster Roger Brooks with photos courtesy of ZIWC member Margareta Pfander

### Buenos Aires, Argentina

We reached the final destination of our voyage on schedule on Saturday, 1 Feb. Buenos Aires is a fascinating mixture of influences and, with over 13 million inhabitants, the largest city in Argentina. The site was first settled thousands of years ago by the Querandí, a nomadic tribe known for their warlike nature and their skill at running down prey. The Querandí were the eastern tribe of the Didiuhet people, who in turn belonged to the larger group of Het peoples who populated the Patagonian pampas. They were forced out by the Spanish in the course of the 16th century. During the 17th century Buenos Aires developed into an important trading port for slaves and silver. The Spanish tried unsuccessfully to control the local trade through their viceroy, headquartered in Lima, Peru, but were soon forced to give the Río de la Plata (literally translated: River of Silver) region the status of an independent vicerealty, with Buenos Aires as its capital. Soon after, in the early 19th century, the Porteños (as the local inhabitants call themselves) revolted and expelled the Spanish Viceroy, laying the foundation of what was to become Argentina. During the 19th century, millions of immigrants, not only from Spain, but also from Italy, Germany, England and France, made their contributions to the distinctly European character of Buenos Aires. Near the end of the 19th century, Argentina

established for the most part its modern boundaries (in the “*Conquista del desierto*” which crushed the resistance of the indigenous tribes), and Buenos Aires became the federal capital of Argentina.

As the ship was spending a night in Buenos Aires before taking on new passengers, we had the luxury of two days there. We had arranged to share a guide and driver for the morning of the first day with the Israeli couple with whom we had driven from Santiago to Valparaiso at the start of our trip. As it was raining, we started our tour by driving around some of the city’s major points of interest. We passed by the Plaza San Martín, the former site of the barracks of José de San Martín, a hero of the wars for independence from Spain. We also passed by the Plaza Libertador, the Teatro Colón, the Plaza Lavalle and the famous obelisk at the Plaza de la República before making our first stop, at the Café Tortoni, a beautiful café in art nouveau style and a favored meeting place of the cultural elite of Buenos Aires in the 1930s. A place is still reserved for the author and poet Jorge Luis Borges, the musician Carlos Gardel and the poet Alfonsina Storni, as shown in the photo.

Our next stop was the church of Nuestra Señora del Pilar, with its famous Cloisters, next to the cemetery, Recoleta. On our way there, we passed



*Floralis Genérica by Eduardo Catalano*

a huge metal flower, the Floralis Genérica by Eduardo Catalano, located in the Plaza de las Naciones Unidas. The flower was designed to open during the day and close at night.

After a brief visit to the church, we moved on to the cemetery, Recoleta. The cemetery houses the tombs of a number of famous Argentinians, dating back to the early 19th century. One of the notable older tombs is that of William Brown, the Irish-born founder of the Argentine Navy. One of the newer tombs worth mentioning is that of Liliana Crociati, who was killed by an avalanche at the age of 26 while honeymooning in Austria. Of course, the one tomb which receives the most attention is that of Eva Duarte, better



*Figures of Jorge Luis Borges, Carlos Gardel & Alfonsina Storni (left to right) at the Café Tortoni*



*Guide Cynthia Lowe at Evita's Tomb*



*Casa Rosada*

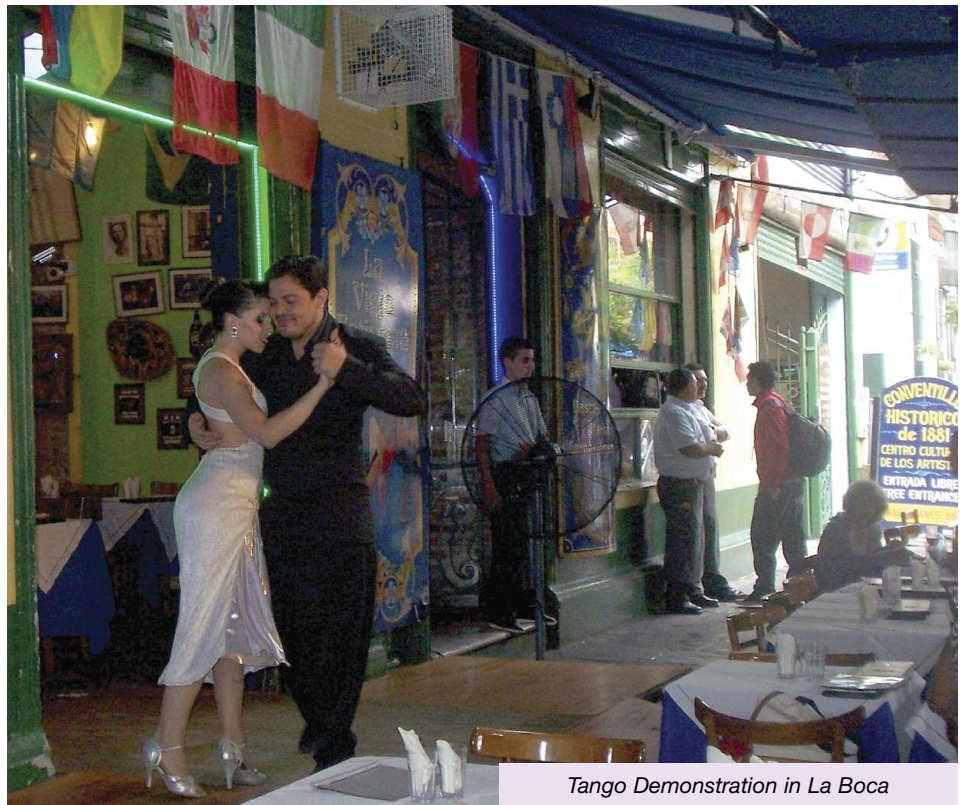
known as Evita Peron. Her remains were not always buried here, having been secretly buried in Italy during the years of Juan Peron's exile. After our visit to the cemetery, we took our leave of Cynthia and her driver at the cemetery entrance and paused for lunch at the nearby Café La Biela. Like the Café Tortoni, La Biela also has a table reserved for a figure of Jorge Luis Borges, who lived nearby. Here he is accompanied by his fellow writer and collaborator, Adolfo Bioy Casares.

The rain let up after lunch, so we opted for a walking tour from the Recoleta district toward the Palermo district, strolling through the Parque las Heras. We wanted to visit the Botanical Gardens, but found them closed, so we turned back toward the waterfront and headed for the zoo, in hopes of glimpsing some live penguins there. The guard at the zoo entrance informed us that there were indeed penguins in the zoo compound, but that the zoo was closed on account of rain! We consoled ourselves with a walk through the nearby Japanese gardens and then took a taxi back to the port.

On our second day in Buenos Aires, we engaged Cynthia for ourselves, as our Israeli friends were going to visit relatives. Our first stop was the Plaza de Mayo (which commemorates the declaration of independence from Spain in May, 1810). We saw the City Legislature, the Cabildo (former seat of the colonial government) and of course, the Casa Rosada (the presidential palace, literally the "Pink House"). Our guide, Cynthia Lowe, gave us some interesting background on the numerous political events which took place at this site during the last century. As the descendant of a patrician family, but also a passionate tango dancer, she offered an interesting combination of both the elitist and the populist perspectives.

As we passed in front of the Casa Rosada (the presidential palace, literally the "Pink House"), she recounted the dramatic appearance there of Juan Peron on the eve of his election in 1946, when the ruling military junta (in which he had served as minister of labor) had to release him from prison on account of mass demonstrations by his working class supporters. We also visited the Buenos Aires Metropolitan Cathedral, where Jorge Bergoglio (the current Pope Francis) officiated over Mass on the First National Government holiday, before falling out of favor with the Kirchner regime.

When we walked across the Plaza de Mayo, we saw signs in remembrance of the "desaparecidos". Cynthia explained that this refers to those who disappeared without a trace, mostly under the military regime which ruled from the mid-1970s to 1983. This was a time of upheaval (if not outright civil war), during which terrorism was routinely practiced by both the state and by the paramilitary forces of various revolutionary factions. Demonstrations in memory of the desaparecidos continue to be held periodically by the "Mothers of the Plaza de Mayo". The fall of Argentina's last military government in



*Tango Demonstration in La Boca*

1983, when democracy was restored, was precipitated by Argentina's ill-fated attempt to annex the British Falkland Islands. Despite this, the Malvinas (as the islands are called in Argentina) are still generally considered here to be rightfully Argentina's.

Moving on to more pleasant topics, we then visited the church of San Telmo (also known as Nuestra Señora de Belen), one of the oldest in the city, as well as the colorful nearby market, Mercado San Telmo.

We then moved on to La Boca, formerly the quarter of the dock workers, but now a thriving artistic community. In addition to art markets, there are paintings and mosaics on the walls, sculptures in the courtyards, and effigies on the balconies. One of the cafés featured a couple demonstrating tango.

The Peronist party was strongly identified with the tango, which developed as a working class phenomenon in Buenos Aires, before it caught on in Europe in the early 20th century. Because of this association, tango was severely suppressed by the military government which ruled during Peron's exile. Making our way down to the port, we had time to admire the old drawbridges and the new fountains before our driver picked us up to head back into the city. There Cynthia showed us the interior of some exclusive hotels, which are notable for both their architecture and their decor, including displays of fine art by contemporary artists. We then bid our charming guide adieu and asked our driver to take us to the airport for our return flight to Switzerland.

So it was that we ended our South American cruise without seeing a single penguin (except in photos and videos). Here is the track of the cruise as it actually took place, in contrast to the planned route, which was shown in the first article in this series. Who knows, we may get a chance to see penguins on a future cruise, perhaps to New Zealand!



## Caring for each and all of your insurance needs – your independent broker.

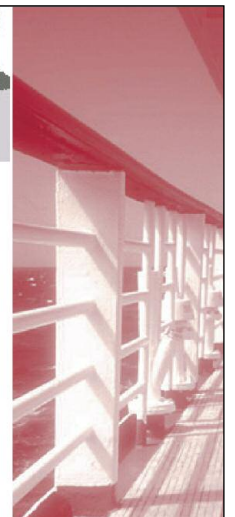
We cover all your insurance needs for business and private, i.e. assets; liability; legal protection; medical aid, as well as wealth management for the planning of your pension...  
... as we have been doing since 1982.

Stephan M. Leuthard

[www.gfsa.ch/Insurance.html](http://www.gfsa.ch/Insurance.html)  
(all information online)



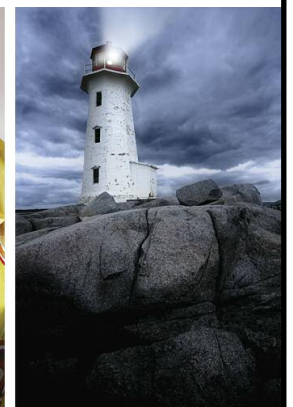
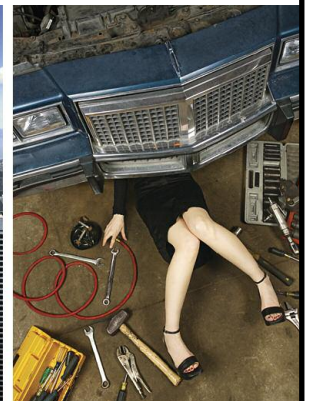
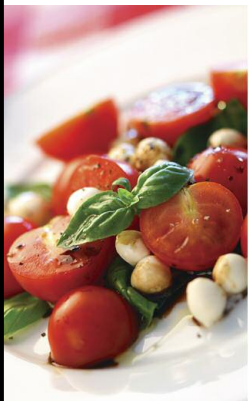
GFS  
Insurance AG  
Poststrasse 24,  
6301 Zug  
Tel 041 781 50 80  
Fax 041 781 09 90  
mail@gfsa.ch



**REMEMBER**  
The Stammtisch every  
Thursday evening  
18:00-20:30

Join us in the  
Park Hotel in Zug.

**ron sumners**  
photography



royalty-free affordable stock photography • [sumnersstock.com](http://sumnersstock.com)

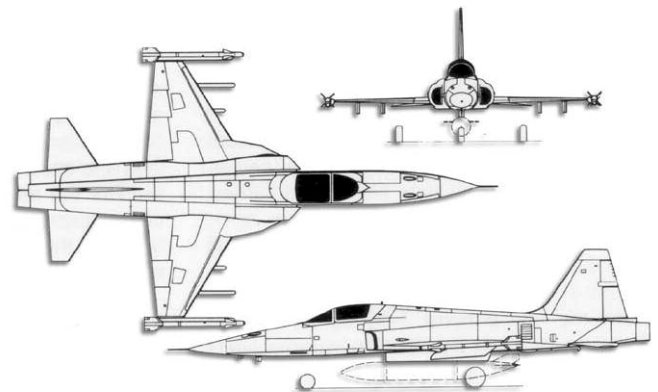
# AIRPOWER: The Patrouille Suisse Takes to the Skies over the Lake of Zug



Contributed by IMCZ sports' editor Joseph Dow

In a stroke of luck, Zug managed to host the Swiss Air Force's aerobatic jet display team, the **Patrouille Suisse**, for the Zuger Seefest celebration on Saturday June 28th. The team was originally booked to perform in Rome, but the Italians cancelled and then Luzern declined, citing environmental issues (*Seriously? Global Warming hysteria knows no bounds!*) So, the Voluntary Fire Brigade of the City of Zug (**FFZ**) jumped at the chance and obtained permission for the team to appear during the Seefest. Wow, what a special treat for Zug! A few years ago, the **PC-7 Team**, flying propeller-driven Pilatus PC-7 turboprop planes, performed over the lake. So, when I heard the jet team was coming, I had to experience it up close and personal at the lakeside.

The Patrouille Suisse is Switzerland's premier aerial demonstration team, comparable to the USAF Thunderbirds, US Navy Blue Angels, and RAF Red Arrows, and flies out of nearby Emmen Air Base. The team uses six **Northrup F-5E Tiger II** jets, painted in the Swiss red & white, with white crosses emblazoned on the bottom of the jets. The Tiger II is a highly maneuverable light fighter aircraft, a predecessor to jet fighters like the General Dynamics / Lockheed Martin F-16 "Fighting Falcon" and Mikoyan Mig-29 "Fulcrum" and was a mainstay of the Swiss Air Force for years until the acquisition of the McDonnell Douglas F/A-18 "Hornet".



### Northrup F-5E Tiger II

#### General characteristics

Crew: 1  
 Length: 47 ft 4¼ in (14.45 m)  
 Wingspan: 26 ft 8 in (8.13 m)  
 Height: 13 ft 4½ in (4.08 m)  
 Wing area: 186 ft² (17.28 m²)  
 Loaded weight: 15,745 lb (7,157 kg)  
 Powerplant: 2 × General Electric J85-GE-21B turbojet  
 Thrust with afterburner: 5,000 lbf (22.2 kN) each

#### Performance

Maximum speed: 917 kn (Mach 1.6, 1,060 mph, 1,700 km/h);  
 at altitude  
 Range: 760 nmi (870 mi, 1,405 km)  
 Service ceiling: 51,800 ft (15,800 m)  
 Rate of climb: 34,400 ft/min (175 m/s)





The air show lasts just under 20 minutes and the team performed over the lake twice, a practice on Friday, the 27th of June, and the show during the Seefest on the Saturday. I managed to see the practice down at lakeside and the Seefest show from my apartment window. The Seefest show began early. Both the Patrouille Suisse site and zug4you.ch had the time of the show incorrectly stated at 18:30 instead of the actual 17:30. It was still excellent viewing from the window, but down by the lake was a phenomenal experience.

The shows were amazing with the jets flying right over our heads at the lakeside. They did huge loops, barrel rolls, upside-down flying above another jet, precision close formations like the diamond, high-speed close passes, etc. The sound and speed are exhilarating and your hair stands up on the back of your neck. The last passes come with the planes' lights on and then a big maneuver, with the jets bursting out away from each other and climbing skyward, called the Finale Grande. Spectacular!

Back in February of 2013, Ueli Maurer, Swiss Minister of Defense, announced that the Patrouille Suisse would be disbanded in early 2016 with retirement of the aging F-5 Tigers

from service with the Swiss Air Force. It was thought that there might be a chance for the team to switch from the F-5 to the F/A-18 or even use the new **Saab Gripen**. The Swiss government had planned to purchase 22 Gripen NG fighters to replace the F-5 Tigers. Unfortunately for the team, Swiss voters rejected the government-approved deal to acquire the Gripens by a national referendum on 18 May, 2014. The vote further throws the future of the team into question. Without the Saabs, the air force claims they will not have any of its Hornets available for use with the team. Hopefully, this situation will change and there is even talk that the Swiss watchmaker, **Breitling**, may step in to sponsor the continuation of the team. Let's hope so.



On their website, the Patrouille Suisse lists the locations and times of their upcoming shows. I highly recommend you try and see this marvelous and talented team fly before it is too late.

### Additional Information:

#### Official Site of Patrouille Suisse:

[www.lw.admin.ch/internet/luftwaffe/de/home/verbaende/einsatz\\_lw/kunstflugteam/ps.html](http://www.lw.admin.ch/internet/luftwaffe/de/home/verbaende/einsatz_lw/kunstflugteam/ps.html)

#### Profile of Patrouille Suisse:

[aerobaticteams.net/patrouille-suisse.html](http://aerobaticteams.net/patrouille-suisse.html)

#### Fanclub of Patrouille Suisse:

[patrouillesuisse.ch/](http://patrouillesuisse.ch/)

#### Zuger Seefest:

[www.zugerseefest.ch/](http://www.zugerseefest.ch/)

#### Breitling Jet Team:

[www.breitling.com/en/airtime/](http://www.breitling.com/en/airtime/)

#### Saab Gripen:

[www.saabgroup.com/de/Air/Gripen-Fighter-System/Gripen-fuer-die-Schweiz/?id=3&epslanguage=en](http://www.saabgroup.com/de/Air/Gripen-Fighter-System/Gripen-fuer-die-Schweiz/?id=3&epslanguage=en)



## No Bowling

Organised and compiled by IMCZ member Stephen Butterworth



Due to the holiday season and the football world Cup games, it was decided not to hold the bowling session for this month.



Contributed by IMCZ member, Ian Stansfield

All web sites included in this series are offered in an unbiased way and do not necessarily reflect my personal views or those of the IMCZ; the reason for bringing them to your attention is that I found them interesting and informative, perhaps offering an alternative point of view, but above all else definitely worthy of note.

## Swiss Military

### Bren Light (ha-ha..) Machine Gun (10.35kg)

- [http://www.militaryfactory.com/smallarms/detail.asp?smallarms\\_id=61](http://www.militaryfactory.com/smallarms/detail.asp?smallarms_id=61)

### Lee-Enfield (4kg)

- [http://www.militaryfactory.com/smallarms/detail.asp?smallarms\\_id=128](http://www.militaryfactory.com/smallarms/detail.asp?smallarms_id=128)

### Swiss Army SG 550 Assault Rifle (4.1kg)

- [http://www.militaryfactory.com/smallarms/detail.asp?smallarms\\_id=616](http://www.militaryfactory.com/smallarms/detail.asp?smallarms_id=616)

### Buy a Pontoon Bridge or Tank

- [http://www.gdels.com/products/bridge\\_1.asp](http://www.gdels.com/products/bridge_1.asp)

### Via Spluga, Thusis Chiavenna

- <http://en.graubuenden.ch/hiking-switzerland/trekking/cultural-route-50-via-spluga-thusis-chiavenna.html>

### Anderer - 2WW underground military museum - German

- <http://www.crestawald.ch/angebote/anreise.html>

### IMCZ - Visit to Pilatus Aircraft works - 08.09.2014

- [http://www.imcz.com/nc/events/details.html?tx\\_seminars\\_pi1\[showUid\]=85](http://www.imcz.com/nc/events/details.html?tx_seminars_pi1[showUid]=85)

After living in a foreign land for a while, I always start to feel at home. The foreign language starts to have meaning and colour. Things that once seemed strange become normal and every day. What I cannot get used to in Switzerland is standing next to the soldiers on the train and they are carrying their guns. The other strange thing is the green luggage with built in trolley. Just like any other business travellers' luggage except green in colour. Soldiers used to carry kit bags. The guns are fascinating, as an army cadet at school we had to use heavy Second World War Lee-Enfield rifles and Bren guns. The Swiss soldiers carry the Swiss made SG 550 assault rifle. It has a folding stock so is much easier to carry around and all the power of the much heavier Bren. I was also interested to find out a bit about the bigger military equipment that one sees driving around the Swiss landscape. Wow! I found a really cool pontoon bridge. This is a vehicle; it drives into a river and then connects up with other similar units. I cannot help wondering how the operators would feel, being underwater, if they started to come under fire from heavy artillery or air attack. A couple of years ago I walked from Thusis over the Via Mala and Splügen passes to Chiavenna in Italy. This is a spectacular ancient roman road with parts of it built into the cliff faces. On the way we came across a Swiss Military Bunker. This is now a 2nd World War Museum; complete with weapon systems, hospital, refectory and special cool room to store the dead bodies. The site is in German but shouldn't be too difficult to understand using Google translate. In September the IMCZ has a special visit to the Pilatus aircraft works in Stans. There are still vacant places.

## Construction in Switzerland

### Swiss Tunnel Conference 2014

- <http://www.swisstunnel.ch/Swiss-Tunnel-Congress.5.0.html?&L=1>

### Tunneling Research - Near Flums

- <http://hagerbach.ch/en/gastronomie-und-erlebnisse/>

### Build your own road in Luzern

- <https://www.verkehrshaus.ch/en/museum/arena/road-construction-arena>

### Ritom Cable Railway and Hydroelectric Plant

- [http://www.lagoritom.ch/index.php?option=com\\_content&view=article&id=64&Itemid=70&lang=en](http://www.lagoritom.ch/index.php?option=com_content&view=article&id=64&Itemid=70&lang=en)

### Tour a hydroelectricity plant then rappel down the dam!

- <http://www.grimselwelt.ch/grimsel-experience/power-plant-tour/adventure-day-water-plus/>

This month I went to the Swiss Tunnel Conference. I was surprised how animated and friendly the people are. Everywhere one goes in Switzerland there is evidence of these massive projects. Last year I went to the tunnelling research centre near Flums. It's possible to go inside but it's best to organise a guided tour for a group of people, see the second link. I have just discovered this really cool link to the Luzern transport museum. Apparently you can build your own road!!!! Another really interesting construction is the Ritom Hydroelectric plant in Ticino. Next to the pipes



BREN LMG Light Machine Gun / General Purpose Machine Gun (1938)

Author: Dan Alex | Last Updated: 5/28/2013

Based on an excellent Czechoslovakian design, the equally-excellent BREN Light Machine Gun was adopted into service with the British Army in the late 1930s.

Like Tweet +1

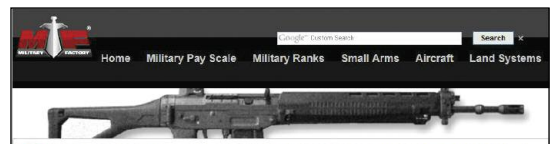


Lee-Enfield (Series) Bolt-Action, Magazine-Fed, Repeating (1895)

Author: Staff Writer | Last Updated: 11/4/2013

The fabulous Lee-Enfield rifle served the British Empire from 1895 through 1957.

Like Tweet +1



SIG SG 550 (Sturmgewehr Model 550) / Stgw 90 Assault Rifle / Carbine (1990)

Author: Staff Writer | Last Updated: 6/22/2014

The SIG SG 550 series has seen widespread use by special forces, regular army and security elements worldwide in its various forms.

Like Tweet +1

3CX VoIP PBX for The SIG SG 550 (Sturmgewehr Model 550) series was born in

**GENERAL DYNAMICS**  
European Land Systems

Defense Solutions for the

ABOUT US ETHICS BUSINESS PRODUCT RANGE CAREERS MEDIA CENTER LOCATION

Product Range

- Wheeled Vehicles
- Tracked Vehicles
- Bridge Systems
- Artillery & Ammunition
- Cooperation Programs

Product Range

- Wheeled Vehicles
- Tracked Vehicles
- Bridge Systems
- Artillery & Ammunition

Protected Wheeled Vehicle

- ASCOD
- EAGLE 4x4
- EAGLE 6x6
- DURO
- PIRANHA 3
- PIRANHA 6x6
- PIRANHA 8x8

Infantry Fighting Vehicles

- ASCOD
- Light Combat Vehicles
- SIK105

Mobile Military Bridge Systems

- MB
- MBR
- REBS
- RLB
- MTB

Artillery & Ammunition

- DNVA
- SIAC
- DMAS
- FBS

Cultural route: 50 Via Spluga, Thusis-Chiavenna

More on this

Open photo gallery

The Via Spluga is a historic hiking trail which taps the history of the region around the Splügenpass. This direct route from southern Germany to Lombardy has linked the fortunes of the Romansh, Vauser and Lombard people since the Middle Ages.

Social Media

Can I help you with travel suggestions?

**Crestawald** Festungsmuseum

AKTUELLES ANGEBOTE ORGANISATION ARCHIV RU



is one of the steepest cable railways in the world. It rises very steeply for 786 meters. The view is incredible, but not for the faint hearted. There is a very pleasant relatively flat lakeside walk and bar at the top, not to mention the view. The Hydroelectric plant is one of 2 that supplies electricity to the SBB for the Gotthard line. The other is in Amsteg. Neither of these is open to the public. An alternative great opportunity, that's high on my must do list, is to tour a working hydroelectric plant and then rappel down the face of the dam! Who dreams these things up?



### THE SWISS TUNNELLING SOCIETY

The STS commitment to its members

The STS is actively involved in all questions related to underground constructions: geology, civil engineering, mechanical engineering, electrical and ventilation systems and safety engineering, both during the planning phases as well as during construction.

**Primary tasks of STS**


According to its statutes, the STS pursues the following main tasks:

1. Promotion and dissemination of knowledge and expertise in underground constructions by organizing events such as seminars, visits and congresses.
2. Distribution and promotion of progress in underground constructions through the support of research activities.
3. Dissemination of technical information on the execution of underground constructions in Switzerland.
4. Collaboration in establishment of new standards and documenting new standards for the underground construction industry.
5. Exchange of information with specialists in other countries, especially in the connection with the ITA and other national and international organizations.

This committee's frequent contact with the majority of its members will ensure that the activities of the association will fulfil the specific interests and expectations of its members.

Finally, the STS endeavours to make known at national and international level the knowledge and experience of the Swiss tunnel construction industry.

The STS is also committed to the improvement of the tunnelling engineering profession, not only in the work environment, but also in the social and economic aspects of the profession.



### The Ritom funicular

Events 2012

- July - Ritoglio Police party
- July - Ritoglio Photo party
- August - Ritoglio party
- September in Amstel - Cheese exhibition



**The steepest in Europe! Big emotions sin**

Experience an exciting ride on one of the steepest funiculars of the world. The maximum gradient is 786 m of difference in altitude between the arrival station Lago Ritomo guesthouse is easily accessible in only 16 minutes from the funicular arrival station.

### Road construction arena

Build your own road

The unique play, learning and knowledge platform focuses on the various aspects of road construction. Using all...



### V-S-H

Home Company Research & Technology Training & Educational courses Safety & Society Catering & Events Contact

#### Catering & Events

Hagerbach Test Gallery offers an out-of-the-ordinary setting for events.

Perhaps you'd like a guided tour through the maze of tunnels, or maybe you're looking for a suitable setting for your own events. Whatever your needs, we shall be glad to help turn your wishes into reality.

Our excellent catering service will add an extra dimension to your event; if you so wish, this service

Please contact us under 078 211 11 11

Name: \_\_\_\_\_  
 Surname: \_\_\_\_\_  
 Email: \_\_\_\_\_



## A very smart boy

Ms Williams was having some problems with one of her first grade pupils. She went to the principal and asked him to upgrade that boy to second grade, as he seems to be too smart for first grade. The principal agreed provided the boy passes a test which he shall make. When the boy, Jerry was brought in, the principal proceeded to ask him a few questions.



"What is 3 x 3 ?", Jerry : "9";  
 "What is 6 x 6 ?", Jerry: "36";  
 and so it went on with every question the principal thought a second grade pupil should know.

He then told Ms Williams, "I agree, I think he can be transferred to second grade".

However, Ms Williams says to the principal, "please let me ask him a few questions". He agreed.

Ms Williams: "What does a cow have four of that I have only two of?" Jerry: "legs."

Ms Williams: "What is in your pants that you have but I do not have?" Jerry replied: "Pockets."

Ms Williams: "What does a man do standing up, a woman does sitting down and a dog does on three legs?" Jerry: "Shake hands."

Ms Williams: "What word starts with 'F' and ends with 'K' that means a lot of heat and excitement?" Jerry: "Firetruck".

At which point the principal shouted, "Put him in fifth grade, I got all the questions wrong."

## Pregnant wife

A man whose wife was expecting, called the hospital and frantically spoke to the nurse in charge, "My wife is pregnant and her contractions are only few minutes apart, please hurry and send the ambulance." The nurse calmly asks, "Is this her first child?" "No" the man shouted, "This is her first husband."



## New to Boating

A couple of guys decided to go into boating, so they went to the boat shop and bought a brand new 22 foot motorboat with Z-drive and 200 HP Volvo Penta engine. A week later they got a phone call from the agent, telling them their boat was ready. So they went and picked up the boat. Using their 4-wheel drive car, they towed the boat to a nearby lake and let it into the water on the ramp in the marina. Delighted with their new expensive toy, they tried it out, but it wouldn't move. Even giving the full 200 HP, the boat wouldn't budge.

Puzzled they asked for help. A mechanic came, checked the engine, the drive, the propeller, everything was in perfect working order. So the mechanic decided to jump into the water and find out what was wrong. To his amazement he found under boat still, strapped securely in place was the trailer! (True story)





## Members' Marketplace

Are you **selling** your yacht (harboured in Piraeus)?  
 Your Aston-Martin old-timer with the roll top roof?  
 A gorgeous view of the Bay of Biscay,  
 with a little bit of house attached?  
 Or are you **cashing in** the half of your stamp  
 collection that is finally worth something?  
 Perhaps you're **looking** for all of these things?

### Then ADVERTISE here, in the IMCZ News;

The Members' Marketplace is reserved for unformatted advertisements of 150 characters (approx. 3 lines) of text.

These are free of charge to IMCZ members.

Advertisements must be submitted as illustrated below.  
 Longer advertisements cost CHF 30.-

**Example:** FOR SALE: gorgeous view of  
 Bay of Biscay with stunning sunsets and high waves.  
 Wee house (12 rooms), dock and yacht included.  
 Call Bill at 041 123 45 67.

## IMCZNEWS Advertising Rates

**Circulation:** 300 plus online download.

**Issued:** Monthly

**Format:** A4 vertical, full color.

**Ad content delivery:**

electronic by e-mail, .pdf, .jpg, .gif

**Advertising Rates:**

- Full page, A4 vertical. (19 x 27.7 cm), Fr. 200.-
- 1/2 Page, A5 horizontal (19 x 13.5 cm), Fr. 110.-
- 1/3 Page, vertical (6.3 x 27.7 cm), Fr. 85.-
- 1/3 Page, horizontal (19 x 9.2 cm), Fr. 85.-
- 1/4 Page, A6 vertical (9.2 x 13.5 cm), Fr. 60.-
- 1/4 Page, horizontal (19 x 6.9 cm), Fr. 60.-
- Business Card (9.2 x 6.45 cm) Fr. 45.-

Extra costs may be incurred for typesetting, special formatting, etc.  
 IMCZ Members receive a 20% discount on advertisement costs.

Place your ad for an extended period and receive a discount: get seven months of advertising for six months paid, or receive twelve months for the price of ten.



## GARAGE ZIMMERMANN



Your English Speaking Partner & Supporter



### Specializing In ExPat & International Sales & Service

**Just Arriving in Switzerland? Need help getting your imported car on Swiss Number Plates**

#### Other Services Offered

- Over 40 New, Demonstration & Quality Pre-Owned Vehicles in stock with Guarantee • All Quotes, Brochures, Owners Manuals, Sound System & Board Computer Settings in English, French, German & Italian • Getting You The Best Car Insurance Rates Possible & Insurance Claim Assistance • Company Fleet Rebates & Special Financing or Leasing Rates • Service & Repairs for all Makes including Pick-up & Delivery Service • Winter & Summer Tires Sales & Storage, Ski Box Rental. • Professional Car Cleaning / Valet Service • Top Value for your Trade-In & Free Appraisal of your Current Car
- Special ExPat Events: Golf, Sailing, Cycling, Music Concerts & More.

For All Your Automotive Needs Contact:



**Mark Shires**  
 Volvo • Heico Sportive • Ford  
 Fleet & International Customer Sales

**Garage Walter Zimmermann AG**  
 Sinslerstrasse 400, 6332 Hagendorn-Cham  
 Mobile: 079 365 21 88  
 www.zimmermann-garage.ch  
 mark.shires@zimmermann-garage.ch

