

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

Home
 Registration
 Talk Submissions
 Travel
 Lodging
 Meals
 Climate & Clothing
 Activities
 ASIC Format
 Sessions
 Speakers and Abstracts
 Contact




*Club Hotel Nuraghe Arvu,
 Cala Gonone, Sardinia.*

Thursday, June 7  Tuesday, June 12, 2012

Announcing ASIC 2012

The Eleventh Annual Summer Interdisciplinary Conference (ASIC 2012) will be held at the Club Hotel Nuraghe Arvu, in Cala Gonone Sardinia.

<http://www.hotelnuraghearvu.com/>

This hotel, currently top rated in the area, may be reached by car or bus from nearby airports on Sardinia, or by ferry from Italy. The town is in the Gulf of Orosei surrounded by a National Park, with nearby beaches that have been the settings for films (Cala Luna, often described as the most beautiful beach in the Mediterranean, is shown above  see **ACTIVITIES: BEACHES** on this website) wild and wonderful scenery with cliffs and canyons surrounding the bay, and with opportunities for extraordinary climbing, swimming, snorkeling, diving, and hiking. The town was formerly reached only by boat, but a recent tunnel through the cliffs now makes it accessible by road (via the nearest town, Dorgali). The cliffs that abound and descend directly to the water mean that some beaches can be reached most easily by boat from the port (a few minutes walk from the hotel), although sometimes rugged hiking trails also provide access.

Information on the area is available at the tourist office (0784 9 36 96; Viale Bue Marino 1a; 9am-6pm Apr-Oct, 9am-11pm Jul & Aug). Excellent information on Sardinia generally, and the Cala Gonone area specifically, may be found at www.sardinia.net. (At the bottom of this page are listed some other potentially useful websites).

Attendees at ASIC might want to take the opportunity before or after the conference to visit other destinations in the area, particularly including the rest of Sardinia, Corsica, Sicily, and the mainland of Italy.

We will have breakfasts and dinners at the hotel.

NEW

-- Send in your

registration

and

**abstract submission
 form.**

ASIC 2012 has been scheduled at a time that will allow attendance also at the Cognitive Science and Mathematical Psychology Annual Meetings which are tentatively scheduled in Japan the first week of August. The distance between Sardinia and Japan made it unlikely that anyone would want to attend both in a single trip, so we separated ASIC by a few months from the other conferences.

Richard M. Shiffrin of Indiana University - Bloomington is the organizer: Email correspondence should be directed to [redacted] or mailed to Richard M. Shiffrin at Indiana University (select 'Contact' from the menu for the address).



The subject matter of the ASIC conferences is interdisciplinary, within the broad frame of Cognitive Science. ASIC uses the very successful format of previous ASIC and AIC conferences: Days are free for leisure activities and discussions among participants. The talks/posters are in the later afternoon/early evening, followed by dinner. The date has been chosen to make it convenient for attendees to bring family/friends. The conference is open to all interested parties, and an invitation is NOT needed to attend. However, due to the small number of spots for speakers, the organizer will select the attendees to give talks, and additional attendees will have the opportunity to present posters.

Previous Years' Websites

Several parts of this year's website are still under construction. For examples of previous years' websites, visit [Previous ASIC Websites](#).

Invitation

The conference is open to all scholars who fit the very general theme of the conference, and their family and friends. An individual invitation is NOT needed. We encourage you to send the conference information to friends and colleagues. If you are interested in organizing a half or whole topic session, contact the organizer.



Conference Aims

The conference will cover a wide range of subjects in cognitive science, including:

- modeling of cognition
- neuroscience, cognitive neuroscience
- psychology (including perception, psychophysics, attention, information processing, memory and cognition)
- computer science and artificial intelligence
- machine intelligence and learning
- methodology and statistics
- linguistics, psycholinguistics and computational linguistics
- philosophy of mind, cognitive science

We especially invite talks emphasizing theory, mathematical modeling, and computational modeling (including neural networks and artificial intelligence). Nonetheless, we require talks that are comprehensible and interesting to a wide scientific audience. Speakers will provide overviews of current research areas, as well as of their own recent progress.

Conference Format

There is a single speaking session each day. If the number of participants exceeds the number of 30 minute speaking slots ($6 \times 7 = 42$), then one or two sessions will be devoted to shorter talks. Information on submitting proposals for presentations (short or long) is on the page of this website labeled "Talk Submissions". Please submit talk information on the website, even if you have already sent (some of) this information to the organizer.

Conference timing and schedule: The daily timing for the conference will depend on the hotel restaurant services. All the times presently listed could be delayed by a fixed amount (up to one hour), to be decided later.

The conference will start with registration and a reception on the first day that will run for 45 minutes. 15:30-16:15 on Thursday, June 7. On subsequent days there will be drinks and light snacks from ~16:00 - 16:15, followed by a session of seven (or more) spoken presentations that include a mid-session drink break.

It will not escape the careful reader that this conference format frees most of the day for either discussions with colleagues or various other activities with colleagues, family, and friends. We encourage all scientific attendees and participants to attend all sessions. The time frame will allow day trips to nearby sites, but attendees should arrange to return in time for the sessions. Travel to sites and planned activities from which a return for the session will not be possible by 16:00 should be arranged for days preceding and following the conference.

Registration

You are not officially on the request list for presenting research (talks or posters) until you send the registration fee, preferably by Paypal. visit the [Registration page](#) at this website.

Lodging

All the rooms at the Nuraghe Arvu are presently being held, but are limited in number. Early expressions of interest in ASIC 2012 suggest that all the rooms at the hotel will be booked, so reserve soon. When rooms are fully booked there are some nearby hotels for overflow. For information visit the [Lodging page](#) at this website.

Some possibly useful websites:

- www.calagonone.com for information on the area
- <http://www.telegraph.co.uk/travel/bestbeaches/7706755/Best-beaches-in-Sardinia-Italy-Cala-Luna-near-Cala-Gonone.html>
- <http://www.hikenow.net/Sardinia/Cala-Gonone-hotels.html>
- http://iguide.travel/Cala_Gonone
- <http://goitaly.about.com/od/sardiniapictures/ig/Cala-Gonone-Pictures/>
- http://www.letsgo.com/18030-sardegna-travel-guides-cala_gonone-sights_and_activities-c with a link to transportation
- <http://www.dorgali.eu/inglese/ilpaese/paese.htm>

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

[Home](#)
[Registration](#)
[Talk Submissions](#)
[Travel](#)
[Lodging](#)
[Meals](#)
[Climate & Clothing](#)
[Activities](#)
[ASIC Format](#)
[Sessions](#)
[Speakers and Abstracts](#)
[Contact](#)



Registration Information for ASIC 2012

If you are planning to attend ASIC 2012, please fill out the [registration form](#) and submit your registration fee. This fee pays for rental of the conference room, equipment rentals, snacks and drinks at conference breaks, the opening reception, and the banquet charges.

This year's fee schedule, in US dollars:

By Check or PayPal in US dollars:

Prior to Jan. 1, 2012	\$150
Jan. 1, 2012 - March 1, 2012	\$200
After March 1, 2012	\$250

In addition to the registration fee per person, you may purchase additional guest vouchers for other persons attending the opening reception and/or final banquet. All payments are calculated and paid by clicking on the 'register' link just below:

You need to register to calculate total payment for both payments option

1. Online by PayPal (preferred).
2. Send a check for the correct amount to ASIC 2012, c/o Richard M. Shiffrin, Psychology Dept., Indiana University, Bloomington, IN 47405.

.....
 -- Send in your **registration** and **abstract submission form**.

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

[Home](#)
[Registration](#)
[Talk Submissions](#)
[Travel](#)
[Lodging](#)
[Meals](#)
[Climate & Clothing](#)
[Activities](#)
[ASIC Format](#)
[Sessions](#)
[Speakers and Abstracts](#)
[Contact](#)



Submissions of Talks

Whether or not you have already sent some of this information to the organizer by email, please provide on the link below a list of authors (with the presenter indicated), their affiliations, and emails; a title, and an abstract (limit 250 words). These may be changed later, so do not hesitate to send them as early as possible. Please go to the [submission form](#) to indicate your preference for a short or long talk.

The long talks will be limited to a total of 30 minutes, a time that includes interruptions for questions, and final discussion. It would be best to plan for twenty minutes of actual speaking. The talks should be aimed not at specialists, but at a general scientific audience. Short talk length will depend on the total number of speakers beyond 42, but will be somewhere in the range of 15-25 minutes, this time again including questions and discussion.

.....
 -- Send in your
registration
 and
abstract submission
form.

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

Home
 Registration
 Talk Submissions
 Travel
 Lodging
 Meals
 Climate & Clothing
 Activities
 ASIC Format
 Sessions
 Speakers and Abstracts
 Contact



Travel To and About Hotel Nuraghe Arvu Cala Gonone, Sardinia

[This section will be elaborated with additional information later]

In Sardinia the nearest access to Cala Gonone is via the city Olbia, a city that has the nearest Sardinia airport (see below). Some attendees will fly to Rome, take a shuttle/bus to Civitavecchia and take a Moby ferry to Olbia (other ferries leave from other Italian cities). Others will fly all the way to Olbia. Most attendees will rent autos at Olbia (there are many international and local rental companies). A few attendees may want to take buses from Olbia to Cala Gonone: ARST buses run to Nuoro (#514) and thence to Cala Gonone (#520), via these schedules:

	Leaves Olbia Airport	Arrives Nuoro
# 514	9:40	12:06
	12:50	15:16
	16:05	18:31
	Leaves Nuoro	Arrives Cala Gonone
# 520	14:00	15:10
	15:50	17:00
	19:10	20:20

You will need to purchase the bus tickets before boarding. The ARST bus website (for other itineraries) is: <http://www.arstspa.info/a.html> For bus returns to the airport it is best to check after you arrive. In addition to ARST buses, I received information that Deplano buses (0784 29 50 30) leave Cala Gonone for the Olbia airport via Dorgali (4 per day 6:30am-1:15pm; €15, buy tickets onboard). Buses stop in front of the post office on Via Cala Luna

.....
NEW -- Send in your
registration
 and
abstract submission
form.

and at the tourist office on Viale del Bue Marino. The tourist office is on Vle. del Bue Marino. (0784 93 278. Open M-Sa 8:15am-1:15pm.) Postal Code: 08020.



Airport and related travel:

Olbia is the main port for tourists to Sardinia and receives ferries from mainland Italy, as well as having its own airport. Olbia Airport has a modern airy terminal building renovated in 2004, with handicap facilities. In arrivals are lost and found, cashpoints, Internet kiosks, and an information desk. The airport has stores, pharmacy, newspaper/bookstores, two banks, an open-aired cafe outside arrivals called the Kara Kiosk, a wine bar, a restaurant serving hot Italian dishes, and a business center.

Most travelers will rent a car, located in the arrivals hall: Autoeuropa, Avis, Easycar, Ellepi,

Europcar, Eurorent, Hertz, Italy by Car, Maggiore, Matta, Midarent, Pinna, Ruvoli, Sardinia, Sixt and Smeralda Express. Get a quote as surprise additional charges can otherwise appear at the collection desk.

One can arrange alternatively for an airport transfer by a driver who meets you in arrivals, or somewhat expensive taxis (e.g. the fare from the airport to Olbia city centre just 3km away is €15). A less expensive option is to reserve a seat on a private shuttle bus so the cost is shared with your fellow passengers. Regular buses are always the least expensive option (information on buses to be filled in later).

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference



Lodging

We have placed a hold on all rooms at the Club Hotel Nuraghe Arvu in Cala Gonone, Sardinia. It is in the south part of the village, on a hill with a mountain behind, and overlooking the Gulf of Orsei. The hotel has some very nice pools and the beaches are about 500 meters downhill from the hotel. (Google Maps:

[http://www.hotels.com/hotel/details.html?pointName&reviewOrder=date_newest_first&roomno=1&destinationId=1641477&rooms\[0\].numberOfAdults=2&tab=maps&hotelId=272561&validate=false&destination=Eastern+Sardinia%2C+Italy](http://www.hotels.com/hotel/details.html?pointName&reviewOrder=date_newest_first&roomno=1&destinationId=1641477&rooms[0].numberOfAdults=2&tab=maps&hotelId=272561&validate=false&destination=Eastern+Sardinia%2C+Italy)

See  Travel  for directions and ways to reach the hotel. The hotel website is at: <http://www.hotelnuraghearvu.com/>



LODGING RATES:



Lodging rates include breakfast and dinner buffet for each person each day. Lodging reservations should be made early, because we expect all the rooms to fill, and late reservations will have to be accommodated at nearby alternative sites.

Prices and room options:

For one person in a room (with either two twin beds or one queen): E100/day. For two persons in a room: E80/person/day.


There are 37 'standard' rooms at this rate; of these: 10 have a sea view and 8 are by the pool. If you want sea view or pool rooms, best book early.

The standard rooms have 22 m², shower/wc, and 8 m² terrace. There are also 10  superior  rooms at roughly a 25% supplement. These all have a seaview, a 8 m² terrace, and are 25 m².

There are also three  suites  (prices upon request). These are 50 m², have sea view, and include a bedroom, living room (that can become in a second bed room), a bathroom with hydro-massage, and a, private terrace of 60 m².

Bookings can be made to:

Address and Telephone:

Hotel Nuraghe Arvu
Viale Bue Marino  Calagonone 08022 Dorgali (NU)
Tel. 0784 920075
Fax 0784 920516
Cell. 333 2694693
P.IVA 01178510911

Alternative Hotels: For those who try to book rooms when Hotel Nuraghe Arvu is full, the two closest alternative hotels are *Cala Gonone Beach Village*, and *Palmasera Village Resort*.

Home

Registration

Talk Submissions

Travel

Lodging

Meals

Climate & Clothing

Activities

ASIC Format

Sessions

Speakers and
Abstracts

Contact

.....

NEW

-- Send in your
registration
and
abstract submission
form.

.....

These are within walking distance of the conference. Prices and meal arrangements must be worked out directly with those hotels. If someone staying at those hotels wants to take dinners with the rest of the group at Nuraghe Arvu, the price per dinner is 35 Euro—presumably most of this price will be saved by subtracting the dinner price at the alternative hotel.



ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

Home
 Registration
 Talk Submissions
 Travel
 Lodging
 Meals
 Climate & Clothing
 Activities
 ASIC Format
 Sessions
 Speakers and
 Abstracts
 Contact

.....

NEW -- Send in your
registration
 and
abstract submission
form.

.....



Food/Dining

Although there are a few good restaurants in the small village of Cala Gonone, the hotel kitchen is quite good, and we will be using the hotel for breakfasts and dinners. These meals will be included as part of the conference lodging/dining package. Lunches, if desired, can be purchased separately either at the hotel or at restaurants in the village or area. If one desires lunch every day, one can pay for full board rather than half board, with a supplement of about 19 Euro per day. The registration fee will pay for the food and drink at the session breaks, extra food and drink at the opening reception, and the conference banquet (to be held on a day to be decided later).

The day will begin with a continental breakfast buffet in the breakfast room from 8:00 -9:30. Earlier service can be arranged the previous day.

Each day the conference will begin with light snacks and liquid refreshments at about 16:00-16:15, followed by talks, and a 15 minute break with more drinks about midway through the talks (about 18:00). The first day of the conference (Sunday, June 3) will have a reception with wine, beer, and more elaborate snacks, from 15:30-16:15. Dinner will follow directly after the sessions, approximately at 20:15. The offerings at the dinner buffet will change from day to day, but each day will have choices of meat, fish, and options for vegetarians.

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

[Home](#)
[Registration](#)
[Talk Submissions](#)
[Travel](#)
[Lodging](#)
[Meals](#)
[Climate & Clothing](#)
[Activities](#)
[ASIC Format](#)
[Sessions](#)
[Speakers and Abstracts](#)
[Contact](#)



Climate, Weather, Clothing

The Cala Gonone Sardinia area is a summer beach destination, and becomes quite hot in the height of summer, especially in sun. The conference dates were chosen to reach a compromise between the extreme heat of July and August, which would tend to limit activities to those water related and the cooler water temperatures of spring. Here are air and water temperatures for May, June and July:

	C:			F:		
	May	June	July	May	June	July
Air/High	23	27	30	73	81	86
Air/Low	14	18	22	57	64	72
Water	17	21	23	63	70	73

One must be prepared for occasional humidity, high wind, and rain, but one can generally expect pleasant weather. Sun protection is generally advisable, not only in terms of sun cream, but in terms of sun protection clothing as well. Obviously bathing apparel would be useful, not only for beach and water activities, but for use at the very nice hotel pool.

.....

NEW

-- Send in your
registration
 and

abstract submission
form.

.....

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

- Home
- Registration
- Talk Submissions
- Travel
- Lodging
- Meals
- Climate & Clothing
- Activities
- ASIC Format
- Sessions
- Speakers and Abstracts
- Contact



Activities

The general area around Cala Gonone is remarkable and offers many activities. (This section of the website will be elaborated in the future.)

General Setting in the Gulf of Orosei:



The entire coast of the Gulf of Orosei is rugged and gorgeous: Purple limestone cliffs erupt 1000 or more feet from the Mediterranean. Ravines with wild goats and boars are

.....

NEW -- Send in your **registration** and **abstract submission form.**

.....

everywhere. At the bottom of the cliffs and ravines are isolated beaches of extreme beauty and clarity. When the sirocco wind blows, the land can smell of wild rosemary and thyme. Caves abound and some can be toured by boat.

Beaches:

(Swimming, Snorkeling, Boating, Scuba, and more)

Beaches are scattered along the Orosei Gulf. They are beautiful and spectacular, with clear blue water, cliffs and mountains as background, and easily visible coral reefs. A few are in Cala Gonone, and others are reachable by boat rides from the village, by hiking (rugged) or by car. Perhaps the most famous is Cala Luna, the setting for several films, but there are fierce debates concerning which might be the best in the Mediterranean. A sampling of the best in the area follows:

FUILI



The beach of Cala Fuili, set in along the large gulf of Orosei, has coarse, light-coloured gravel mixed with sand and pebbles and surfacing rocks. Its waters are crystal clear and of a changing blue due to the plays of light created by the sun reflecting on the seabed. Further color is provided by the green vegetation that crowns the beach and runs right to the water's edge. Fuili is also the entry point for a canyon with many spectacular climbing areas. (Fuili was used as a setting for the film "Travolti da un insolito destino" ---Swept Away-- in the 1974 version with Mariangela Melato and Giancarlo Giannini .)

How to get there:

Cala Fuili is easily reached by going along the SS 125, turning towards Cala Gonone and entering the street Viale Bue Marino. Then go along the coast road 26 bis until the end: the beach is accessed by a series of steps cut into the rock.

Useful information and facilities:

The beach has a small car park. It is loved by climbers, scuba fishing enthusiasts and by those simply wishing to dive in its waters, perhaps with mask and flippers, to admire the underwater world rich in pleasant surprises.

CALA LUNA



The beach has coarse sand. Its waters are transparent and of a changing blue due to the sun reflections from the seabed and the greenery that hems the beach. It lies within steep walls of rock that hold deep caves which open onto the beach and offer shelter from the sun, if needed. (This beach also served as a movie setting both for the 1974 film "Travolti da un insolito destino" and its remake **◆Swept Away◆** with Madonna that was not so well acclaimed). The beach has a bar and caf**◆**, and has shallow waters, making it suitable for children to play. Pedal boats can be hired.

How to get there:

The beach is accessed by sea with pleasure boats or on the boats that depart from the port of Cala Gonone and from the beach of the Marina di Orosei; for lovers of trekking, the beach is also accessible along a difficult path, departing from Cala Fuili or Baunei.

Useful information and facilities:

The beach is much loved by those who enjoy snorkeling, scuba diving, and scuba fishing. Below is a view inland from the beach.



BIDDEROSA



The beach of Bidderosa embraces five coves of incredible beauty: the fifth, to the north, borders with the beach of Berchida. Its heavenly natural configuration, known for the presence of the pond of Curcurica, qualifies it for special safeguard and protection. It is entered along a path that goes into a luxuriant pinewood, enriched by eucalyptuses and junipers. The sand, of an impalpable silver colour, is adorned by evocative reddish rocks, while to its rear are luscious junipers and pines, and the scent of the wild lilies.

How to get there:

The beach is reached by going along the SS 125. On the right a grey stone forest complex is visible, the headquarters of the Forest Authorities, where it is necessary to stop for entry into the oasis.

Useful information and facilities:

Access to the beach is managed by the local tourist board of Orosei - tel. 0784 998367 -. Daily entry to the beach is allowed for a limited number of cars. Entry tickets can only be purchased at the forest station of Bidderosa on the SS 125, at the entrance to the protected oasis.

CARTOE



Cartoe has coarse, light-coloured sand, and is enclosed by rocks. The waters are a transparent blue/green. (Cartoe was another setting for the film 'Swept Away').

How to get there:

Cala di Cartoe is found in the municipal area of Dorgali, and is easily reached along the SS 125 main road; before the town of Dorgali, turn towards the cave of Ispinigoli (a must see) and then turn again in the locality Tinnipereddu: the beach is signposted.

Useful information and facilities:

The beach is rich in facilities: wheelchair accessible, an ample car park, cafe, refreshment points and has shallow waters that allow children to play in safety. When windy it is used by surfers and is a site for snorkeling and scuba.

SISINE



Cala Sisine opens out among the 500 meter high cliffs of the Serra Ovrà that plummet vertically into the sea. It opens from a forested gorge with centuries-old carob trees and holm oaks. Its waters a changing turquoise. It is an ideal spot for snorkeling and scuba fishing.

How to get there:

It is accessed by sea with private boats or with the craft that the run between the small harbours of Cala Gonone, Arbatax and Santa Maria Navarrese. It can also be reached, with

some difficulty, on foot along a signposted hiking trail.

Useful information and facilities:

The beach has a cafe and refreshments area.

MARIOLU



Cala Mariolu is in the locality of Punta Ispuligi. Its waters are of a changing blue and the beach has round, pink-coloured pebbles. The area is full of caves, one of which opens directly onto the bay, while the Grotta del Fico (Fig Tree Cave) is found quite close by. The beach has shallow waters ideal for children and is frequented by snorkelers (and can sometimes be a bit crowded).

How to get there

Cala Mariolu is accessed by sea on privately owned boats or with one of the craft that offer a daily transport service to the beaches of the Golfo di Orosei from the harbours of Cala Gonone, Arbatax and Santa Maria Navarrese. The beach is also accessible over land along a difficult hiking trail.

GOLORITZE



This is one of the most beautiful small bays of the whole Mediterranean, an authentic national monument and celebrated for its turquoise waters, and smooth marble rocks. The small beach is sprinkled with small, white pebbles. It has a spectacular setting due to the cliffs and towers, particularly the steeple of Punta Goloritze, also called Aguglia, a must for all climbers, and the climber's cliff of Monte Caroddi. The beach has shallow waters

suitable for children. With luck one may spot an Eleonora's falcon, a rare species that nests in the area.

How to get there:

Cala Goloritzé is accessible only by sea, from Cala Gonone and Santa Maria Navarrese. It is also possible to reach the bay along a hiking trail over the Supramonte of Baunei: it takes around an hour to descend (an hour and half to climb back up), it is simple enough and suitable for anyone used to a bit of walking.

Hiking:

There are a number of outstanding hiking opportunities accessible from Cala Gonone, both along the rim of the rugged coast, down to the beaches and back, and inland in the mountains. I will add information here about these possibilities later.

Rock Climbing:



Sardinia generally is famous for sport climbing, and the most famous, well developed and

world renowned area is that around Cala Gonone. There are about 25 developed areas on the sea cliffs and in the ravines near Cala Gonone, with about 1000 bolted routes. One of the many areas of special interest is Codula Fuilli, a narrow valley outletting on the beach a bit south of Cala Gonone (see above), with many climbs of all grades that remain cool and shaded even in summer. There are a number of areas further inland in the mountains, particularly including the Supramonte areas near Oliena. At the south end of the Gulf of Orosie is Baunei and Cala Goloritze where sits the **do-not-miss** climb of the famous tower Aguglia (above).

A generally useful rock climbing guidebook for Sardinia as a whole, including some areas around Cala Gonone, is *Pietra di Luna: A Guide to Sport Climbing in Sardinia* (available in an English edition), written by Maurizio Oviglia and published by Fabula. A newer guidebook that focuses specifically on the general Cala Gonone area is *Cala Gonone Sports Climbing Guidebook - Arrampicare a Cala Gonone*, by Corrado Conca.





Water Sports (to be elaborated later):



Swimming, Snorkeling, Scuba Diving, Scuba Fishing, Fishing, Water Skiing, Wind Surfing, Surfing, Bungee Jumping, Canyoning, Boating, Kayaking, Pedal Boating.

Boat Tour to Blue Grotto Caves (from Cala Gonone):



ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

[Home](#)
[Registration](#)
[Talk Submissions](#)
[Travel](#)
[Lodging](#)
[Meals](#)
[Climate & Clothing](#)
[Activities](#)
[ASIC Format](#)
[Sessions](#)
[Speakers and Abstracts](#)
[Contact](#)



Schedule

There will be a single speaking session each day, from Thursday through Tuesday. Days with long talks will have seven seven talks. If there are more than 42 speakers then one of more days will be devoted to shorter talks whose length will depend on the overflow. Information on submitting proposals for presentations is on the page of this website labeled "Talk Submissions". Please submit talk information on the website, even if you have already sent (some of) this information to the organizer.

The conference will start with registration and a reception from 3:30-4:30 on Thursday, June 7. On subsequent days there will be drinks and light snacks from 16:15 - 16:30, followed by a session that includes a mid-session drink break, and then followed by dinner at the hotel. One of these dinners will be a banquet.

.....
 -- Send in your
registration
 and
abstract submission
form.

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

- Home
- Registration
- Talk Submissions
- Travel
- Lodging
- Meals
- Climate & Clothing
- Activities
- ASIC Format
- Sessions
- Speakers and Abstracts
- Contact



Sessions

[To be added later]

.....


NEW -- Send in your **registration** and **abstract submission form.**

.....

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

[Home](#)
[Registration](#)
[Talk Submissions](#)
[Travel](#)
[Lodging](#)
[Meals](#)
[Climate & Clothing](#)
[Activities](#)
[ASIC Format](#)
[Sessions](#)
[Speakers and Abstracts](#)
[Contact](#)

.....
 -- Send in your
registration
 and
abstract submission
form.



Authors, Titles, Abstracts

Listing by speaker

Speaker	Biederman, Irving
Author 1	Biederman, Irving University of Southern California
Author 2	Lescroart, Mark D. University of Southern California
Author 3	Kim, Jiye G. University of Southern California
Author 4	Hayworth, Kenneth J. University of Southern California
Title	The Neural Basis of Visual Relations
Abstract	The identity of an object is not only specified by the shape of its parts but also by the relations among the parts. Rearranging parts can produce a completely different object, in the same manner as rearranging the phonemes in "fur" can yield "rough." How does the visual system represent the relative positions of parts? Formally, between-part relations can be characterized by specifying the relations between the medial axes (imaginary lines through the centers) of an object's parts. An fMRI multi-voxel classification study tested whether the medial axis structure is represented in the human visual system independent of part identity and overall object

orientation. In visual regions of interest, a support vector machine classifier was trained to distinguish objects that shared either the same medial axis structures or the same orientations. Whereas in V1, orientation dominated, by the level of V3, different medial axis structures were more accurately classified than different orientations, indicating a change in the representation of shape compared to earlier visual areas even when the subjects were not performing a discrimination based on axis structure. The sensitivity to relative vs. absolute position holds not only for the relations between parts but the relations between objects that define real-world scenes. The picture that emerges is one in which part and scene-like relations are not inferred at some stage following object identification but are likely achieved simultaneously with the specification of object shape.

Speaker	Eliasmith, Chris
Author 1	Eliasmith, Chris University of Waterloo
Author 2	Choo, Xuan University of Waterloo
Author 3	Stewart, Terry University of Waterloo
Title	Large-scale cognitive modelling with single neurons
Abstract	Our lab has developed a method for constructing biologically realistic spiking neuron models called the Neural Engineering Framework (NEF). Most of these models have been for small-scale neural systems (e.g. rodent path integration, working memory, zebrafish motor control, etc.). In this talk I describe how these same principles can be used to provide a useful approach to cognitive modelling, which we call the Semantic Pointer Architecture (SPA). I demonstrate the approach by describing a cognitive model called SPAUN with 2.8 million neurons that works on natural image input and produces arm movements as output. It is able to perform any of 8 different perceptual, motor, and cognitive tasks without any changes to the model. These tasks include copying viewed input, serial working memory, reinforcement learning, and inducing patterns in structured, language-like input as found in the Raven's matrix intelligence test. I argue that the SPA provides a principled way of bridging the gap between biological constraints and psychological constraints on cognition. In the course of presenting these models, I will demonstrate Nengo (www.nengo.ca), a neural modelling environment which can be used to simplify the construction and simulation of such models.

Speaker	Holden, John
Author 1	Holden, John University of Cincinnati
Author 2	Rajaraman, Srinivasan University of Cincinnati N/A
Title	The Self-Organizing Dynamics of Cognitive Performance
Abstract	Empirical patterns of response time variability derived from elementary cognitive performances are examined using the concepts and statistical tools of fractal geometry, nonlinear dynamics, and the physics of self-organizing systems. The outcomes suggest new ways of understanding how the human body, nervous system, and mind coordinate the myriad processes that support and constrain human thought and action.

Speaker	jones, Matt
Author 1	Jones, Matt University of Colorado
Author 2	Corral, Daniel University of Colorado
Author 3	Foster, James University of Colorado
Title	Learning Higher-Order Relations
Abstract	Theories of analogical reasoning hold that analogy is the recognition of a common (i.e., isomorphic) system of relations among the objects in two different scenarios. Such systems of relations can be thought of as higher-order relations--relations among relations. We propose that, once learned, higher-order relations can act as elements in future analogies, leading to an iterative process that produces compositional hierarchies of relational concepts. This mechanism may play an important role in development of abstract concepts. We will present current experimental and modeling work that attempts to support and flesh out these ideas.

Speaker	Lee, Soo-Young
Author 1	Lee, Soo-Young KAIST
Title	Understanding un-represented human intention
Abstract	Based on physiological and behavioral measurements we present recognition experiments of human intention, which is not presented

by users. Although current human-machine interfaces are utilizing explicitly-represented human intention such as keystrokes, gesture, and speech, the actual hidden human intention may be different from the explicit one. Therefore, it is necessary to understand the un-represented intention for the next-generation intelligent human-oriented user interface. We had measured EEG, fMRI, eye gaze, GSR, and video signals, while the subjects are asked both obvious and non-obvious sensitive personal questions. Also, the subjects made 'Yes' or "No' answer for each question by speech. We had separately trained SVM classifiers for each measured modality from the obvious questions, and tested the SVMs for the non-obvious questions. The agreement (or disagreement) among different modality, and the explicitly-represented intention are analyzed. It demonstrated the possibility of understanding human implicit intention from EEG, video, and /or speech signals, which may be utilized as a next-generation human-machine interface.

Speaker	Miller, Cynthia
Author 1	Miller, Cynthia Emerson College
Title	Processing Communal Sentiment: Rasa Theory, Cognition, and the Experience of Community
Abstract	Communal sentiments, such as nationalism, reflect the unique and dynamic interactions of individual and group, cognition and culture. In so doing, these sentiments reproduce and redefine the identities and local knowledge of the communities in which they are constructed. This paper examines how the experiences of these complex, multi-layered sentiments are processed and communicated within the cultural group, using Rasa Theory - a paradigm drawn from early Sanskrit Criticism - as its primary descriptive tool. Rasa was originally conceived as a framework of thematic structure which enabled the individual to participate in collective sentiment. In the present application, it serves to highlight symbolic cognitive and emotional cues to the experience of community.

Speaker	Musca, Serban C.
Author 1	Musca, Serban C. CRPCC (EA 1285), European University of Brittany, Rennes, France
Author 2	Collange , Julie University Paris Descartes, Boulogne Billancourt, France
Author 3	Sanitioso, Rasyid B. University Paris Descartes, Boulogne Billancourt, France

Author 4	Augustinova , Maria LAPSCO UMR 6024 CNRS, CNRS and University of Clermont-Ferrand, Clermont-Ferrand, France
Title	Power of the desired self: The working self-concept influences the processing of self-unrelated information
Abstract	The transient changes in self-perception that makes it possible for somebody to come across as the right person in the right place was termed working self-concept (WSC). Within this framework past research showed that WSC affects the processing of self-relevant information. We go one step further and propose that a person's WSC entails an embodiment that concurs with the desired self-perception (i.e., the person "becomes" precisely that desired self that is motivated by the situation), which has profound consequences. In particular WSC would affect the processing of information in the broadest sense: people embody their current WSC and reason within the frame of their currently embodied WSC. To test this hypothesis we used a task that requires processing information that is not self-relevant, namely Kahneman & Tversky's (1973) lawyer-engineer (L-E) task. In the L-E task people are presented with base rate information concerning the composition of a group of people (e.g., there are 70% of lawyers and 30% of engineers), and are given an individuating description of a person from that group (e.g., "Dan shows no interest in political and social issues and spends most of his free time on his many hobbies, which include home carpentry and mathematical puzzles"); when asked to estimate the chances out of one hundred that Dan is an engineer, people often disregard base rate information and rely instead on the individuating information. In favor of our claim, we present results that show how this classic finding is dramatically affected by participants' desire to possess a desired characteristic.

Speaker	Myung, Jay
Author 1	Myung, Jay Ohio State University
Author 2	Cavagnaro, Daniel California State University, Fullerton
Author 3	Gonzalez, Richard University of Michigan
Author 4	Pitt, Mark Ohio State University
Title	Active Learning Approach to Risky Choice Experiments
Abstract	Collecting data to discriminate between models of risky choice

requires careful selection of decision stimuli. Models of decision making aim to predict decisions across a wide range of possible stimuli, but practical limitations force experimenters to select only a handful of them for actual testing. Some stimuli are more diagnostic between models than others, so the choice of stimuli is critical. This paper provides the theoretical background and a methodological framework for adaptive selection of optimal stimuli for discriminating among models of risky choice. The approach, called Adaptive Design Optimization (ADO), adapts the stimulus in each experimental trial based on the results of the preceding trials. We demonstrate the validity of the approach with simulation studies aiming to discriminate Expected Utility, Weighted Expected Utility, Original Prospect Theory, and Cumulative Prospect Theory models.

Speaker	Oberauer, Klaus
Author 1	Oberauer, Klaus University of Zurich
Title	Updating working memory: A computational model
Abstract	Working memory maintains the information needed for ongoing cognitive processes. To serve this purpose it must be rapidly updated. I will a model for updating working memory. The model builds on existing connectionist models of short-term memory (e.g., Farrell & Lewandowsky, 2002, PB&R), and adds a mechanism for rapidly swapping information between working memory and long-term memory. The current contents of working memory are chunked, and the chunk is associated to a retrieval cue in long-term memory. When retrieved, the chunk is unpacked in working memory, recreating the original set of items. I will apply the model to data from experiments on list switching and on task switching.

Speaker	Palmeri, Thomas
Author 1	Palmeri, Thomas Vanderbilt University
Author 2	Purcell, Braden Vanderbilt University
Author 3	Schall, Jeffrey Vanderbilt University
Author 4	Logan, Gordon Vanderbilt University
Title	From salience to saccades: Multiple-alternative gated stochastic accumulator model of visual search

Abstract	<p>I will describe a stochastic accumulator model demonstrating that visual search performance can be understood as a gated feed-forward cascade from a salience map to multiple competing stochastic accumulators. The model quantitatively accounts for behavior and predicts neural dynamics of macaque monkeys performing visual search for a target stimulus among different numbers of distractors. The evidence accumulated in the model is equated with the spike trains recorded from visually responsive neurons in the frontal eye field that encode stimulus salience. Accumulated variability in the firing rates of these neurons explains choice probabilities and the distributions of correct and error response times with search arrays of different set sizes if the accumulators are mutually inhibitory. The dynamics of the stochastic accumulators quantitatively predict the activity of presaccadic movement neurons that initiate eye movements if gating inhibition prevents accumulation before sufficient evidence about stimulus salience has emerged. Adjustments in the level of gating inhibition can control tradeoffs in speed and accuracy that optimize visual search performance.</p>
-----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Speaker	Trcek, Denis
Author 1	Trcek, Denis Faculty of computer and information science, University of Ljubljana lj.si
Title	Trust and its computational modelling with Qualitative Assessment Dynamics
Abstract	Trust is a manifestation of (frequently non-rational) reasoning and assessment processes. Therefore it has to be treated in line with this fact and adequately supported in computing environments. One such methodology is Qualitative Assessment Dynamics, QAD, which is aligned with cognitive ergonomics requirements. QAD not only complements existing trust management methodologies in computerized environments, but gives new grounds for advanced multidisciplinary research like computational economics.

ASIC 2012

Eleventh Annual Summer Interdisciplinary Conference

- Home
- Registration
- Talk Submissions
- Travel
- Lodging
- Meals
- Climate & Clothing
- Activities
- ASIC Format
- Sessions
- Speakers and Abstracts
- Contact



Contact Information:

Conference Organizer

Rich Shiffrin
 Indiana University - Bloomington

Tel:

Fax:

Address Correspondence to:

Annual Summer Interdisciplinary Conference (ASIC 2012)
 c/o Prof. Richard Shiffrin
 Psychology Department
 Indiana University
 1101 E. 10th St.
 Bloomington, IN 47405

Webmaster/Conference Coordinator

Please direct questions concerning the website to the webmaster:

Ruth Eberle
 Indiana University - Bloomington

Muhammad Nubli Mohd Kasa
 Indiana University - Bloomington
[mmohdkas\(at\)indiana.edu](mailto:mmohdkas@indiana.edu)

NEW -- Send in your
registration
 and
abstract submission
form.