

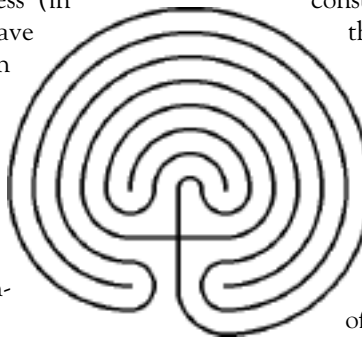
FROM THE PRESIDENT

After careful deliberation at our October 2011 meeting, the ISST Council has selected an intriguingly provocative theme, Time and Trace, and a stunning venue, the Orthodox Academy of Crete, for our fifteenth triennial conference in July of 2013. Gratitude is extended to Dennis Costa for proposing and eloquently outlining the riches of the Time and Trace theme, to Raji Steineck for bringing the Orthodox Academy to our attention, to Claudia Clausius and Mary Schmelzer for their painstaking work in exploring options for sites, and to the entire Council for engaged discussion in the taking of these important decisions. The theme is both timely (research in many disciplines is driven by the discovery or availability of new kinds of temporal traces) and timeless (in some sense, we only know, experience, or have direct evidence of time through traces left in its passing). The location has intrinsic historic and aesthetic value, and the Academy's commitment to theology and ecology (among other interests) demonstrates values in keeping with ISST's mission to pursue interdisciplinary study within a larger concern for the sustainability and well-being of humanity.

The first association that the theme and location, taken together, evoked in my mind was the so-called 'Cretan labyrinth.' With respect to 'Time and Trace,' the Cretan

labyrinth turns out to be intriguing because it proves to be either devilishly elusive or delightfully easy to trace, depending on whether the term designates a structure or a design. The most familiar Cretan labyrinth exists only in the Greek myth of Theseus and the Minotaur. Constructed for King Minos by Daedalus, this labyrinth would technically be a maze, since it would have had forking paths and dead ends designed to confuse and trap those who entered it; Theseus depended on Ariadne's thread to find his way back out. This Cretan labyrinth has proved difficult to trace, though it is mentioned in the work of several classical authors (Homer, Plutarch, and Herodotus among others).

W.J. Stillman, an 18th century American journalist and consul in Crete, wrote popular articles suggesting that Knossos might be the site of the Cretan labyrinth. Beginning in 1900, Sir Arthur Evans unearthed what he claimed was King Minos's palace at Knossos (not far from the Orthodox Academy), on the grounds that the number of chambers and corridors render it a labyrinthine structure. However, subsequent historians have disputed many of Evans's interpretations and reconstructions of the site.



From an archaeological and historical point of view, tracing the mythical Cretan labyrinth to its material origin has proved difficult indeed.

(continued on page 2)

CALL FOR PAPERS, 15TH TRIENNIAL CONFERENCE

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A NOTE FROM THE VICE-PRESIDENT

While recently watching Werner Herzog's *Cave of Forgotten Dreams*, I was reminded of the theme for our upcoming conference, for this beautiful film takes us into what Herzog calls "an abyss of time," wherein striking traces of our long-ago past speak to us across the ages. In the documentary, Herzog and a small film crew explore the Chauvet Cave, home to an astonishing array of cave paintings dating from approximately 32,000 years ago. Because a rockslide around 20,000 years ago sealed off the cave, the paintings were preserved in a pristine environment until an expedition led by Jean-Marie Chauvet discovered the cave in 1994. Since that time, access has been limited mainly to scientists, and attempts have been made to ensure limited human impact.

As the film eloquently demonstrates, the paintings serve as "a way of communication with the future." These artifacts from the infancy of humankind display a breath-taking maturity of vision, the long-ago artists working with the medium of the cave wall to give their subjects dimension and motion. Looking at the well known Panel of the Horses, I was reminded of Marc Chagall's whimsical animal paintings—and I have since discovered that artist John Robinson anticipated this Chauvet-Chagall connection during his 1999 visit to the caves. (For an account of his visit, see <http://www.bradshawfoundation.com/chauvet/>

page1.php.) The cave wall "canvas" is a palimpsest, with a good 5000 years extending between earlier and later paintings. Herzog remarks on this phenomenon: "The sequence and duration of time is almost unimaginable for us today. We are locked in history, and they were not." As my viewing companion noted, it is as if we would undertake to inscribe our own markings over the hieroglyphs in the Egyptian pyramids. Untethered from history, the Chauvet Cave artists nevertheless provided an historical record. So, for example, their paintings of the cave-lions dwelling in the area at the time provide evidence that such lions did not have manes. However, as archaeologist Julien Monnet points out in the film, "We will never reconstruct the past. We can only create a representation of what exists now today."

In a little over a year, we timesmiths will gather in Crete for our fifteenth triennial conference. In this site, itself archaeologically rich, we will consider from a variety of disciplinary perspectives the traces that speak across time. I hope to see you all there.

All quotations come from *Cave of Forgotten Dreams*, dir. Werner Herzog, IFC Films 2011.

—Jo Alyson Parker

From the President, *continued from page 1*

Understood as a design, the 'Cretan' or 'classical' labyrinth is a seven-circuit, unicursal pattern that has been found in ancient sites and on pottery and coins around the world.

This labyrinth is quite simple to trace, and the process has a certain formal and rhythmic elegance.

One starts with a seed pattern, a central cross, with right angles inserted between the arms of the cross, followed by a coaxial dot in each right angle. Roughly speaking, lines connecting proximate endpoints are then drawn in a series of concentric half-circles that move alternately from right to left and left to right. Drawing the shape in this way replicates the reversals of direction experienced when walking the labyrinth. Humans have been tracing the labyrinth for a very long time; the seed pattern has been found on a pottery shard dating to 604BC, and so in drawing it today, we enact a practice that persists through time in a definite form.

In his magisterial tome *Through the Labyrinth*, Hermann Kern documents that the pattern has been interpreted as cosmic time map (tracing the movements of the planets onto the labyrinth), and as a tomb and womb, a motif of death and rebirth.

The labyrinth is thus Janus-faced, looking both into past and future. Today, the labyrinth walking has become a popular spiritual practice—the deliberate pace and winding path of walking create a kind of temporal aporia, a clearing in time where the mind can reflect calmly. The process is often a tracing in and of time for the walker; people are often encouraged to reflect on past events on the way into the center, ground themselves in the present in the center, and then anticipate the future walking out. I have adopted this practice as a homely ritual to mark the new year in my backyard, with a labyrinth made of Christmas lights, which we walk with friends at midnight.

Labyrinth walking works effectively for many people as a meditative practice that allows them to go deeper inside, while also opening them to the outside world in a refreshed manner. In this sense, the spiritual experience of labyrinth walking is comparable to the intellectual experience of ISST conferences, where the gradual unfolding of our time together enables us to think more deeply about our own work, while opening our minds to new ideas and future projects. I look forward to walking the labyrinth of Time and Trace together in Crete in 2013!

—Paul Harris
Long Beach, California

A NOTE FROM THE EDITOR

We are meeting Crete in 2013!

Truly, the stuff of dreams, replete with traces of time before marked time. Zeus, Theseus, Midas, Ariadne, and the Minotaur once roamed the hills and coasts, and the poets sing of their exploits through the centuries. Their narratives form the deepest layer of the history of Western civilization that awaits uncovering in the stone and sand of Crete.

From its inception, Crete has had a history of occupation, and traces of its occupiers are everywhere. This is particularly the case with Chania, the ancient city near the conference center where we will meet. Inhabited since the Neolithic era, it is the site of an early Minoan settlement discovered by the Dorian Greeks who arrived c 1100 BCE. By 395 CE, Byzantine Christians and Arabs were battling for hegemony. The Byzantines held sway until the beginning of the thirteenth century when Venice subdued the Cretans, introducing Italian culture. By the fifteenth century, the city reflected its Minoan, classical Greek, Byzantine, and Venetian influences, and it remains a portal into past times in the traces left by its colonizers. In the end, however, Crete is most particularly Greek. It seems fitting that we should be staying at a Greek Orthodox Seminary that reflects the philosophical

intersections of contemporary Greek culture. Moreover, the center tells another story in its structure, growth, and mission.

During World War II, the people of Crete offered strong resistance to the German army, resulting in the loss of countless lives. In the sixties, the Evangelical Church of Germany supported the development of the Orthodox Academy on Crete (OAC) as a tangible sign of repentance and reconciliation. From the outset, the center has encouraged mutual understanding with ecumenical, interfaith, intercultural, and inter-scientific engagement.

From those beginnings the OAC has grown into a modern conference center situated by the sea and next to the 17th century Gonia Monastery. Sponsored by the European Union and the Greek state, the conference center itself, completed in 1995, is considered one of the finest in Europe. Many of the guest rooms face the sea, and most of the facility has been recently air-conditioned.

Like most of Crete in its long history, the Orthodox Academy has reconfigured itself to meet the needs of a changing world in its sponsorships and facilities.

They have opened their doors to our conference. I urge you to find a way to be there with us.

—Mary Schmelzer



Orthodox Academy on Crete



Chiana, old town



Port of Chiana



Orthodox Academy



Orthodox Academy



KRONOSCOPE: NOTE FROM THE (INTERIM) EDITOR

The International Society for the Study of Time (ISST) is proud of the international range of its membership and the interdisciplinary character of members' work. Both of these characteristics are on display in the issue of *KronoScope*. (12:1). Contributions come from Malaysia and Brazil as well as North America. And the articles in the forthcoming issue mostly inhabit a space enriched by the perspectives of multiple disciplines. Nather and Bueno, for example, read the work of Degas in light of their experiments in psycho-biology, and Montemayor and Grandy each write as philosophers whose thinking is informed by physics. The book reviews (and the reviewers) also make credible the ISST's claim to be an interdisciplinary as well as international society.

Given the diversity of academic as well as geographical backgrounds of these authors and the different subjects of their articles, it is worth noting that there is a kind of theme to this issue: the perception of time. Seeing this theme admittedly depends of taking a loose but still revealing view of "perception." The articles by Costa and Nather and Bueno speak to us of the role of aesthetic construction in perceiving time, Costa in literary terms of Virgil's use of what Costa describes as a temporal chiasm with implications for understanding historical time, Nather and Bueno through a scientific analysis of the perception of time in Degas' painting and sculpture as expressive of movement. Lee examines the implications of globalization for time perception in terms of "presentism" and the possibility of "co-evalness." Montemayor seeks as a philosopher to understand the physics and psychology of time perceived as continuous or discrete, while Grandy uses thermodynamics to work through Levinas' challenge to Heidegger regarding

the perception and redemptive possibility of time. Finally, Flaherty writes a reflection on the perceived poignancy of time in an essay that is itself poignant.

The articles testify to the work of the ISST in another manner as well: some of them began as papers delivered at ISST or ISST-sponsored conventions. Montemayor and Flaherty both presented the work on which their essays are based at the last ISST Convention in Costa Rica, while Costa's essay derives from a paper he presented at a convention the ISST co-sponsored on "Time's Excesses and Eccentricities" at the Université de Caen Basse-Normandie, ERIBIA. More papers from the latter convention will appear in forthcoming issues of *KronoScope* as will papers from a conference on "Time and Emergence" the ISST co-sponsored with the Department of Philosophy of the École Normale Supérieure and the Center for Research on Literature and Cognition at the University of Paris 8.

All this talk of conventions leads me to remind you that the Call for Papers for the ISST's next conference—"Time and Trace," June 30-July 6, 2013, Orthodox Academy of Crete—has been posted on the Society's website: <http://www.studyoftime.org>. Why not submit a proposal? The process for doing so is described on the website.

A final note of clarification: I am filling in for Claudia Clausius as Managing Editor of *KronoScope* while she is on sabbatical. We all look forward to her return.

—Steve Ostovich

IMPORTANT REMINDERS

■ **Membership:**

Renew your membership for 2012. Please note that in order to receive copies of *KronoScope* and "Time's News," it is imperative for all members to pay dues on time. These publications will be sent only to those members who have done so.

You can submit your membership application and pay your dues online at <http://www.StudyofTime.org>. Please check the site for updated information on the ISST.

Please request that your institution's library subscribe to *KronoScope*.

Membership in ISST also gives you access to the ISST listserv. If you do not yet have access to the ISST listserv and would like to be added, please send an email message to that effect to the Executive Secretary.

And, finally, the newsletter is intended not only to inform members about ISST business but to encourage your active involvement in the Society. If you would like to comment upon some of the items presented here, please consider starting a discussion on the listserv.

CAEN INTERIM CONFERENCE

The October 2010 decision of the ISST Council to co-sponsor an international conference was taken in the hope of further disseminating the Society's name, working contacts and intellectual interests. Together with ERIBIA (Équipe de recherche interdisciplinaire sur la Grande-Bretagne, l'Irlande et l'Amérique du nord) and its host institution, l'Université de Caen Basse-Normandie, ISST contributed to all aspects of what turned out to be an outstanding exchange of ideas. The conference, entitled "Time's Excesses & Eccentricities" (Folies du Temps), brought some 60 scholars to the Norman city of Caen on the 27th and 28th of May, 2011. Scholars from France, Canada, the U.S., the U.K., Switzerland, Germany, the Netherlands, Italy, Brazil, Poland, Georgia, Israel, Hong Kong and India read papers (in French or English) in the fields of literary criticism, musicology, art criticism and theory, cinema, history of technologies, photography, mixed-media arts, and philosophy. The strong presence of papers on music and art was especially noteworthy. Two ISST Council members served on the conference's scientific

committee; our president, Paul Harris, delivered the keynote, a talk on the writing and drawings of Henri Michaux. A highlight of the final afternoon was the showing of *Time Being*, an experimental compilation of 88 very short films by the well-known filmmaker Chris Gallagher. Selected papers from Caen will be published in forthcoming issues of either *KronoScope* or the bilingual online journal *LISA*.

This conference was extremely well organized by our French hosts, Profs. Marcin Stawiarski and Gilles Couderc of Caen University. Their organization included the extraordinary cuisine and wine at both a working lunch and gala closing-dinner. ISST members who were present fielded many questions about our Society and invited quite a number of participants to consider joining ISST. The Council's instinct to co-sponsor this conference—timed half-way between our own 2010 and 2013 conferences—will be well-rewarded in terms of international exposure, high-quality submissions to *KronoScope*, and eventual memberships.

TIME AND EMERGENCE CONFERENCE, PARIS, OCTOBER 2011

The second ISST-co-sponsored international, interdisciplinary conference explored the theme of Time and Emergence. The conference took place October 14 – 15, 2011, at the historic campus of the École Normale Supérieure, Paris. Former ISST President Rémy Lestienne and new member Yves Abrioux (English, U of Paris 8) organized the event; other members of the conference committee included Gilles Cohen-Tannoudji, Claude Debru, and Jacques Ricard, all prominent scientists. Scholars from France, Great Britain, and North America presented papers (in French or English, with accompanying powerpoint in the other language) in fields including cosmology, philosophy of science, metaphysics,

neuroscience, biology, education, philosophy, music and literature.

Several ISST members presented papers and posters, and ISST President Paul Harris dedicated much of his opening address to showing the importance of J.T. Fraser's work in the context of time and emergence. The conference was distinguished by wonderfully engaged and challenging intellectual rigor in presentations that spurred intense discussion, in keeping with the spirit and history of the École Normale Supérieure. Selected papers from the conference will be published in a forthcoming issue of *Kronoscope*, with Rémy Lestienne and Yves Abrioux serving as contributing editors.

**ISST COUNCIL MEETING
STRATHMERE, NEW JERSEY
10/1/11**

Meeting Called to order 9:04 AM EST by
President Paul Harris

In Attendance: Harris, Costa, Jane Fraser,
Ostovich, Parker, Soulsby, Schmelzer,
Steineck, and Weissert in person; Turner,
Rodemeyer, Crawford by Skype.

Acknowledgement of the passing of the Founder
at this the first council meeting after his death.
Brief discussion about the state of the Society
after his passing.

**Report on the Volume, Study of Time 14
(Steineck)**

Expect to publish in the Summer of 2012. Will
include 12-13 papers plus the introductions by
the editors (Steineck, Clausius): 5 literature, 2
philosophy/theology, 1 physics, 1 biology, 1
linguistics, 1 sociology, 2 hard to place.

Discussion about ensuring that the volumes serve
as a definitive source of info on whatever the
theme is.

Treasurer's Report (Rodemeyer)

We have switched to Citizen's Bank with offices
in both Pittsburgh (Rodemeyer) and Philadelphia
(Weissert). January/February as dues months,
with Rodemeyer checking in April to see who has
not renewed. Treasurer will look into possibilities
for enhancing the renewal process.

Discussion of Conference Theme for 2013

After a discussion of several different possibilities,
the theme "Time and Trace" is unanimously
approved. Conference committee is formed to
write the call for papers: Harris, Turner, Costa,
Crawford. Steineck as "local committee."

Discussion of including a panel or some papers to
address the work and legacy of J.T. Fraser. The
theme lends itself to the traces of the work of J.T.
Fraser. For 2016, a 50-year anniversary issue or
conference with the theme of Models of Time
(after *Voices of Time*).

Discussion on presentations (modalities),
including posters and Skyped presentations.
Council members agreed that the latter goes

against what our conferences are and what it
means to attend for the full week. Discussion of
marketing and recruitment, keynote speakers,
getting external funding. Formed a funding
committee (Steineck, Harris, Rodemeyer, and
perhaps ask Lestienne).

Disseminating Unpublished and Re-dissemi-
nating Published Work of J.T. Fraser. We could
include putting a Fraser essay in *Kronoscope* each
year or scan and put it on the website. Harris
reports that the special collections section of
Loyola Marymount University Library is going to
have J.T. Fraser's books and papers.

Membership Report (Parker)

15 requests for new memberships. 7 have
completed the process. This seems good for a
non-conference year.

Report on KronoScope (Ostovich)

11-1 done, waiting on last set of proofs for
Clausius. [This issue is now KS 11:1-2.]

11-2 [now 12:1] is in the works; a lot of material
(12) from the Caen interim conference is
available. 11-2 could be out in this calendar year.
[This point is now moot.] There are even extra
papers that can carry over to volume 12 [volume
12:2].

Time and Emergence interim conference will give
us even more papers, including science papers
[12:2]. Report on the (Fraser) tribute issue by
Harris: 9 people definitely agreed to write essays
for the issue; there are 3 or 4 more in the works.
Tribute issue is looking like volume 12-2 [may be
a later issue in light of the above].

Timeline and Kronopedia (Crawford)

Because of copyright and upkeep issues, Timeline
will be taken down. The German Network Time
research outfit is interested in sharing biblio-
graphic resources. Steineck reports that next fall
(2012) his program is working on a bibliographic
time project that could turn into the basis for
some kind of wiki (Kronopedia). Perhaps we
could offer our services as curators for the
German project. We could scan the fourth
volume of the Study of Time, which has J.T.
Fraser's collections of bibliographic references up
to 1980. Perhaps we can expand our Fraser
dedicated part of the website.

Report on Getting Libraries to subscribe to *Kronoscope* (Ostovich)

Most libraries get KS as part of a Brill package. We need to find out from Brill how many such packages are subscribed. Can we get KS included in JSTOR?

Interim Conferences (Harris)

Costa's report on the Caen conference will go up on the website. The conference was a very successful collaboration between the Society and an outside partner; it generated a lot of talk and discussion, and 12 papers that came in to KS. It was a beautifully run conference with some funding from the French government.

Harris reports on the preparations for the Time and Emergence conference in two weeks in Paris (Lestienne). At least half of the papers are from ISST members.

Future conference initiatives: Harris reports that LMU is willing to have an interim conference there to celebrate the addition of the Fraser material to their library. A possibility seems to be fall or spring of 2014.

We also need to look to make more connections with other societies who might want to collaborative on a conference. Costa will try to connect with the Global Middle Ages project.

We are changing rules, so we need to vote on the changes:

- 1) Inviting scholars to come for a shorter period of time and pay them
 - 2) Seeking outside funding for a conference
- Voted on: unanimously adopted

Report on Newsletter (Schmelzer)

Will solicit news and info from membership.

Specific assignments in connection with conference given to Council members.

Meeting Adjourned

Follow up of the Conference "Time and Emergence"

From the number of ISST members participating and the quality of their contributions, our association has contributed significantly to the success of the Conference "Time and Emergence", which took place in Ecole Normale Supérieure de Paris on December 14th and 15th.

I would like to thank our colleagues who have participated to this event. A special mention should be addressed to Jane Fraser, who has brought with her the spirit of Julius over our debates.

Since then, Yves Abrioux and I have received 16 manuscripts of contributions to the Conference and we are working on them as guest editors for a special issue of

Kronoscope, together with Steven Ostovich. The publication will be, I believe, something like a milestone for those of us who are interested in the topics of emergence. A big step forward has been accomplished, since the launching of the subject in our association three years ago during a chat among ISST members, when the discussion about 'reality and time' showed clearly that one key to the understanding of the problem of reality required a deeper thinking on that of emergence (see *Kronoscope*, 9 [2099]: 91-07).

Rémy Lestienne

Jose Lino Oliviera Bueno has forwarded this news: The “Aesthetical Experimental Center” is coordinated by Prof. Dr. José Lino Oliveira Bueno at the Department of Psychology, Universidade de São Paulo at Ribeirão Preto, Brazil.

The recent production of his group of research that study subjective time perception related to the aesthetic experience (music and visual arts) was listed below.

1. COMPLETE ARTICLES IN JOURNALS

- RAMOS, D.; BUENO J. L. O. 2012. Emoções de uma escuta musical afetam a percepção subjetiva de tempo. *Psicologia: Reflexão & Crítica / Psychology* (in press).
- NATHER, F. C.; BUENO, J. L. O. 2012. Timing perception in paintings and sculptures of Edgar Degas. *Kronoscope: The Journal for the Study of Time*, 12, 16-30.
- COCENAS-SILVA, R.; BUENO, J. L. O.; DROIT-VOLET, S. 2012. Temporal memory of emotional experience. *Memory & Cognition*, 40, 161-167.
- NATHER F. C.; BUENO J. L. O. 2011. Static images with different induced intensities of human body movements affect subjective time. *Perceptual & Motor Skills*, 113, 157-170.
- COCENAS-SILVA, R.; BUENO, J. L. O.; MOULIN, P.; BIGAND, E. 2011. Multidimensional scaling of musical time estimations. *Perceptual and Motors Skills*, 112, 737-748.
- NATHER, F. C.; BUENO, J. L. O.; BIGAND E.; DROIT-VOLET, S. 2011. Time changes with the embodiment of another’s body posture. *PLoS ONE*, 6, e19818.
- RAMOS, D.; BUENO J. L. O.; BIGAND, E. 2011. Manipulating Greek musical modes and tempo results in continuous changes in perceived musical emotion along arousal and valence dimensions. *Brazilian Journal of Medical and Biological Research*, 44, 165-172.
- DROIT-VOLET S.; BIGAND, E.; RAMOS, D.; BUENO, J. L. O. 2010. Time flies with music

whatever its emotional valence. *Acta Psychologica*, 135, 226-232.

- FIRMINO, E. A.; BUENO, J. L. O.; BIGAND, E. 2009. Travelling through pitch space speeds up musical time. *Music Perception*, 26, 205-209.
 - COCENAS-SILVA, R.; BUENO, J. L. O.; BIGAND, E.; MOLIN, P. 2009. Escala multidimensional aplicada aos estudos de apreciação musical. *Paidéia: Cadernos de Psicologia e Educação*, 19, 153-158.
 - FIRMINO, E. A.; BUENO, J. L. O. 2008. Tonal modulation and subjective time. *Journal of New Music. Research*, 37, 275-297
 - BUENO, J. L. O.; RAMOS, D. 2007. Musical mode and estimation of time. *Perceptual and Motor Skills*, 105, 1087-1092.
 - BUENO, J. L. O. 2007. *Psicobiologia do Tempo Presente*. In: BRUNI, J. C.; MENNA BARRETO, L.; MARQUES, N. (Org.). *Decifrando o Tempo Presente* (p. 147-159). São Paulo: Editora Unesp.
 - NATHER, F. C.; BUENO, J. L. O. 2006. Tempo subjetivo e percepção de movimento em obras de artes. *Estudos de Psicologia*, 11, 265-274.
 - NATHER, F. C.; BUENO, J. L. O. 2006. Efeitos de imagens estáticas com diferentes representações de movimento sobre a percepção subjetiva de tempo. *Psicologia: Reflexão & Crítica / Psychology*, 19, 217-224
- ## 2. DISSERTATIONS AND THESIS
- MORETTO, M. S. 2011. Efeitos da utilização de estímulos acústicos e visuais na estimação subjetiva de tempo de bailarinos profissionais. Master’s Dissertation in Psychobiology, Department of Psychology. University of São Paulo, Brazil.
 - COCENAS-SILVA, R. 2009. Percepção subjetiva de tempo durante a apreciação de música erudita ocidental: uma análise multidimensional. Master’s Dissertation in Psychobiology, Department of Psychology. University of São Paulo, Brazil.

- FIRMINO, E. A. 2009. Dimensões cognitivas espaço-temporais do senso tonal da música. Ph.D. Thesis in Psychology, Department of Psychology. University of São Paulo, Brazil.
- RAMOS, D. 2008. Fatores emocionais durante uma escuta musical afetam a percepção temporal de músicos e não músicos? Ph.D. Thesis in Psychology, Department of Psychology. University of São Paulo, Brazil.
- NATHER, F. C. 2007. Percepção de movimento e tempo subjetivo nas artes visuais. Ph.D. Thesis in Psychobiology, Department of Psychology. University of São Paulo, Brazil.

3. COMPLETE ARTICLES IN INTERNATIONAL MEETINGS (CONGRESS)

- BUENO, J. L. O.; MOISES, A. A. M. 2010. How does lullabies from different ethnicities influence the subjective time estimation? In: Proceedings of the 26th Annual Meeting of The International Society for Psychophysics - Fechner Day, p. 221-226. Padova: Italy.
- NATHER, F. C.; BUENO, J. L. O.; Abreu, D. C. C.; GOMES, M. M. 2010. Body movements and timing estimation related to visual observation of different images representing distinct body positions. In: Proceedings of the 26th Meeting of the International Society for Psychophysics - Fechner Day, p. 433-438. Padova: Italy.
- NATHER, F. C.; BUENO, J. L. O.; BIGAND, E. 2009. Time Estimation and eye-tracking movements in human body static images. In: Proceedings of the 25th Meeting of the International Society for Psychophysics - Fechner Day, p. 399-404. Galway: Ireland.
- FIRMINO, E. A.; BUENO, J. L. O.; BIGAND, E. 2009. Effects of close and distant reverse tonal pathways in musical stimuli on retrospective time reproductions. In: Proceedings of the 25th Meeting of the International Society for Psychophysics - Fechner Day, p. 590-596. Galway: Ireland.
- NATHER, F. C.; BUENO, J. L. O. 2008. Movement Ranking Scale of Human Body Static Images for Subjective Timing Estimation. In: Proceedings of the 24th Annual Meeting of the International Society for

Psychophysics - Fechner Day, p. 185-190. Toronto: Canada

José Lino Oliveira Bueno
Universidade de São Paulo
Laboratório Processos Associativos Controle Temporal e Memória

TROY CAMPLIN INVITES US TO EXPLORE:

[His] collection of poetry "Thyme and Time Again" at <http://troycamplinpoetry.blogspot.com/>

ARGIRO VATAKIS HAS CO-HOSTED A SPECIAL ISSUE:

Of Acta Psychologica on Temporal Processing Within and Across Senses

Hosted by Argiro Vatakis & Rolf Ulrich

Inspired by the pioneering work of Carl Vierordt on time perception and the various methodological approaches he introduced in studying time perception (in his book *Der Zeitsinn nach Versuchen*-The time sense according to experiments or The experimental study of the time sense; Lejeune & Wearden, 2009), this special issue will discuss current research findings on temporal processing (not limited to duration judgments) within and between the senses. The issue will cover current models and new experimental data on interval timing, synchrony perception, and categorical timing. Additionally, issues brought forward in Vierordt's work will also be covered, such as anticipatory effects on temporal judgments, the use of simple versus complex stimuli in experiments, attention, and time, cross-modal and individual differences in the perception and processing of time. This special issue will, thus, serve as a forum for the presentation of new research findings on temporal processing within and across senses.

Submission procedure:

1. Submit tentative title and abstract to Argiro Vatakis at argiro.vatakis@gmail.com by October 21st, 2012.
2. Full paper submission by December 12th, 2012
Instructions for submission: The submission website is located at: <http://ees.elsevier.com/actpsy/default.asp>. To ensure that all manuscripts are correctly identified for inclusion into the special issue it is important to select "Special Issue: Temporal Processing" when you reach the "Article Type" step in the submission process. Papers should not be more than 20 pages. For more details on format please see attached guidelines.
3. Standard peer review/revision process will be followed.
4. Final decisions are expected by July 20th, 2013.

FROM DANIEL CORRIE:

One of his time-oriented poems received the first-place Morton Marr Prize for his villanelle, "Words," selected by Jennifer Clarvoe. The poem will appear in *The Southwest Review*. Its companion villanelle, "World," appeared during this past year in *Measure*.

ILIAS GIANNOPOULOS WRITES:

I am a new member of the society. My approach to the study of time has been till now focused on the area of musicology, aesthetics and continental philosophy.

Here is a link to the joint International Conference on Music Perception and Cognition (ICMPC) and the 8th Triennial Conference of the European Society for the Cognitive Sciences of Music (ESCOM), 23-28/7/2012 in Thessaloniki-Greece: <http://icmpc.escom2012.web.auth.gr/>. Although philosophy and aesthetics are a marginal topic for this conference, I will present a paper concerning phenomenological approaches to the temporality of the musical work. I will also attend the Philosophy and Music Conference: Times Theories and Music, in Corfu-Greece, 27-19 April, which you mention in the last issue of *KronoScope*, with a paper about Adorno's time-dialectics.

I have been in Crete and generally speaking, you have to drive (very carefully!!) a lot and ask, in order to find unique places and beautiful beaches.

However I think, Kolymvari, where the Orthodox academy is situated, is somehow isolated and at the same time not too far away from the most beautiful city of Crete, Chania.

RÉMY LESTIENNE HAS PUBLISHED DIALOGUES SUR L'EMERGENCE:

Pardon me to take the opportunity to announce the publication of my new book, *Dialogues sur l'Emergence* (in French), this month of March, 2012, by Editions Le Pommier, Paris.

The form of the book is humbly inspired by the famous Galileo's book "Dialogue concerning the two chief world systems", since I believe that we are presently, once more, at a turn of science epistemology. Like in Galileo's time, when he had to persuade his fellows scientists and the authorities of the Church about the superiority of the Copernican view of the cosmos, I claim (with many others) that scientists today should take some distance with the reductionist view of the world, and sometimes adopt the opposite view where not only 'the whole is more than the sum of its parts', but the whole in fact commands the behavior and properties of the parts.

ERICH RUNGE EXPLAINS:

The speed of light *in vacuum* is constant. Light is slowed down, e.g. in diamonds, which makes them jewels. This slowing down can well, and will in general depend on the color of the light. Good optics of old-fashioned photography was expensive in part because it is difficult to make lenses treat all colors equally. —erich.runge

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CHRISTIAN STEINECK INTRODUCES TIME STUDIES INTO THE CURRICULUM:

The Department of Japanology at University of Zurich's Institute of East Asian Studies will make "time" the semester theme for its courses during the fall term of 2012. All courses will give special attention to issues of time related to the relevant subject, i.e. time in Japanese mythology, time in social relations, time in works of literature etc. We will set up a wiki to be filled in by students and staff, and thus hope to create a basis for a new version of *KronoPedia*. A report will follow in the next newsletter.

Christian Steineck, Chair, Institute of East Asian Studies, University of Zurich.

TWO FORTHCOMING BOOKS ON TIME STUDIES IN ETHNOGRAPHY:

The first of these books is *Paid to Party: Working Time and Emotion in Direct Home Sales* (Rutgers University Press, 2012) by Jamey Mullaney and Janet Shope (Sociology, Goucher College). This book is an ethnographic study of direct home sales (DHS). The authors examine the ways in which this DHS industry (e.g., Tupperware parties) attempts to reconfigure the traditional model of work by altering its temporal and emotional parameters, offering (mostly women) the opportunity to reconfigure, through a flexible work model, the traditional constraints facing working mothers. Based on surveys and in-depth interviews with over 200 party attendees and sales consultants, this book shows how the industry "capitalizes on feelings about time in order to both push women into home sales as consultants and, once they sign on, to draw a warm market of friends into living rooms for some much needed social/economic time." With exemplary methods, compelling data, and sophisti-

cated analysis, this revealing study shows us how the temporal and emotional dynamics of work and family reproduce traditional gender roles.

The second of these books is *Patients of the State* (Duke University Press, 2012) by Javier Auyero (Sociology, University of Texas). In this brilliant, insightful, and sensitive investigation, Auyero brings careful ethnographic research to bear on the routine temporal experiences of people who seek help and social services from the state in Argentina. In so doing, he shows us how the state constructs political dominance through the control of its citizens' time and temporal experience. By making the urban poor wait interminably for whatever they need, the state creates subordination and political resignation. *Patients of the State* will have a major impact on scholarly and public discourse; it helps us understand what is happening to millions of people around the world.

EMILY DICARLO REPORTS:

Back in May 2011, I participated in a gallery show, HYDRAS, where I reconfigured the existing work in the gallery, L'Œil de Poisson, and inserted my own installation. From that exhibition, a bilingual supplementary publication was produced called *Hydra Era*. Included in this is my essay, "A Present, Which I Have Been," in which I discuss the formation of identity through ongoing archiving and durational performances.

Here is the link for the video of the book :

<https://vimeo.com/36118454>

Here is the link to read it online :

<http://issuu.com/guillaumeadjutorprovost/docs/hydraera>

Here is the link to purchase the publication :

<http://www.guillaumeadjutorprovost.com/index.php?projects/publication/>

FRED TURNER ANNOUNCES "A CROP OF NEW BOOKS":

TWO GHOST POEMS. Turning Point Press, 2011. Two long poems: "The Undiscovered Country: Sonnets of a Wayfarer" and "The Resurrection of the Body." Both deal with afterlife, in very different ways.

SUNG ACROSS THE SHOULDER: HEROIC POETRY OF ILLYRIA. Mundus Artium Press, 2011. Translations of Albanian folk poetry, with Gjeke Marinaj. Poems from the lusty, violent, tragic, comic life of the mountains.

THE NEW WORLD. Ilium Press, 2011 (Reprint of my epic poem, with a new introduction.) See <<http://www.scribd.com/doc/50671254/Turner-NewWorld-FreeSample>>, and Amazon <http://www.amazon.com/New-World-Epic-Poem_ebook/dp/B004R1QH82/ref=sr_1_6?s=books&ie=UTF8&qid=1300064363&sr=1-6>.

Soon my epic poem GENESIS will be available in reprint from Ilium Press. My website: <<http://frederickturnerpoet.com/>>

FROM PAUL HALPERN:

Paul Halpern was appointed Commonwealth Speaker by the Pennsylvania Humanities Council for 2012-2013 to speak about "Time Travel in Popular Culture."

Paul Halpern spoke about "The Principle of Self-Consistency in Connie Willis's *Blackout* and *All Clear*," at the Society for Literature Science and the Arts Annual Meeting, Kitchener, ON, Canada, September 2011.

Thanks to Saint Joseph's University for supporting this newsletter and to Saint Joseph's University Creative and Print Services for its production.

Time Studies in the Classroom

Richard Hancock has submitted his syllabus for an interdisciplinary course, Film, Time, and Memory. We invite those of you who are taking time studies into your classrooms to tell us what you are doing as well as to report on the results.

Communication Studies Department, Concordia University - Winter 2012
COMS 304F Selected Topics in Film Studies
Film, Time and Memory
Richard Hancox, MFA, Associate Professor
Office: CJ 4.259, (514) 848-2424 ext. 2538, rhancox@alcor.concordia.ca
- office hours by appointment -

Text: COMS 304F Coursepack: Richard Hancox (ed.) Film, Time and Memory.
Other readings: Additional material may be assigned or recommended and placed on reserve in the Communication Studies Learning Center or the Vanier Library.

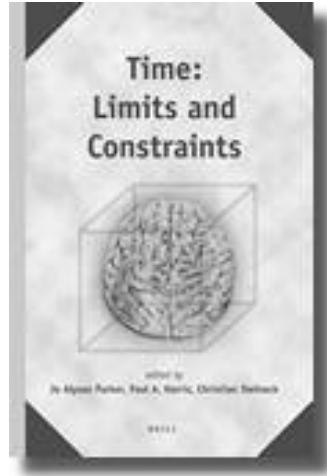
Is there a relation between the premium on immediacy and simultaneity in contemporary society – in a sense, the disappearance of time – and the cinema’s increasing fascination with it? Themes of time travel, races against the clock, parallel universes, and synchronicity (Jung’s term for meaningful coincidence) are occurring more frequently. Regarding past time, plots based on forgetting virtually constitute a genre – Amnesic Cinema, while at the same time television’s future is in the past: historical re-enactments, archival footage, formulaic biographies of dead people, nostalgic reruns, and other redemptive strategies. In this course students will identify and explore this fascination with time and memory, and learn critical approaches to understanding how cinematic convention reflects and influences society’s notion of the temporal. We will also explore a variety of ways in which humans experience time – physiologically, psychologically, culturally – and how it affects memory and history.

Spatial concerns dominate the esthetics of visual media, yet in film the cinematic apparatus tends to privilege themes of time (and memory), which should in turn foster an aesthetics of temporal design. This course will examine how dramatic, physical and psychological time intersect with the principal cinematic techniques of temporal manipulation, each one illustrated by a variety of excerpts from features and innovative shorts. We will utilize this critical framework in an analysis of films which help illuminate the nature of both the cinema and time itself, and investigate contemporary debates and research in time as well as the growing field of memory studies.

Time: Limits and Constraints

Jo Alyson Parker, Paul A. Harris and Christian Steineck

This thirteenth volume in the interdisciplinary Study of Time series explores the way in which limits and constraints impact upon our understanding of time.



Published in 2010
 ISBN 13: 978 90 04 18575 3
 ISBN-10: 90 04 18575 5
 Hardback, 380 pp.
 List price: €109.00 / US\$ 155.00
 Series: The Study of Time, 13

The nature of time has haunted humanity through the ages. Some conception of time has always entered into our ideas about mortality and immortality, and permanence and change, so that concepts of time are of fundamental importance in the study of religion, philosophy, literature, history, and mythology. How humanity experiences time physiologically, psychologically, and socially enters into the research of the behavioral sciences, and time as a factor of structure and change is an essential consideration of the

biological and physical sciences. This volume presents selected essays from the 13th triennial conference of the International Society for the Study of Time: 'Time: Limits and Constraints.' The essays are grouped around subthemes relating to this theme: Theory and Empirie, The Limits of Duration, Creative Constraints, and Final Questions. The ISST has as its goal the interdisciplinary and comparative study of time.

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Contributors include Jo Alyson Parker, Paul A. Harris, Christian Steineck, J.T. Fraser, Carlos Montemayor, Peter Hancock, Jonathan Tallant, Friedl Weinert, Heike Klippel, Tyler Ochoa, Florian Klapproth, Johns Streamas, Robin Lucy, Deirdre McMahon, Carole Fischer, Laura Pattillo, Katherine Weiss, Marc Botha, Helen Sills, Steven Ostovich, Frederick Turner, William R. Laflour

Readership

All those interested in the interdisciplinary study of time, including historians, literary theorists, musicologists, philosophers, physicists, psychologists, sociologists, and theologians.

About the author(s)

Jo Alyson Parker, Ph.D. (1989) in English, University of California-Irvine, is Professor and Chair of English at Saint Joseph's University in Philadelphia. Her publications include *The Author's Inheritance: Henry Fielding, Jane Austen, and the Establishment of the Novel* (1989), *Narrative and Chaos Theory in Sterne, Proust, Woolf, and Faulkner* (2007), and, with Michael Crawford and Paul A. Harris, *Time and Memory* (Brill, 2007).

Paul A. Harris, Ph.D. (1991) in English, University of California-Irvine, is Professor of English at Loyola Marymount University in Los Angeles. His publications include, with Michael Crawford, *Time and Uncertainty* (Brill, 2004), and, with Jo Alyson Parker and Michael Crawford, *Time and Memory* (Brill, 2007). He is Co-Editor of *SubStance: A Journal of Theory and Literary Criticism* and President of the International Society for the Study of Time.

Christian Steineck, Dr. phil. (1999) in Philosophy, Bonn University, is Professor of Japanology at Zurich University. His main interest is in philosophy of culture, and he has published extensively on mysticism, medieval Japanese Zen Buddhism, and Bioethics.



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CALL FOR PAPERS:

The International Society for the Study of Time
Fifteenth Triennial Conference

Time and Trace

June 30 - July 6, 2013, Orthodox Academy of Crete

http://www.oac.gr/htm/main_en.html

Proposals (300 words) due by June 30th, 2012

The International Society for the Study of Time (ISST) seeks proposals for presentations at its 2013 conference on the island of Crete, on the theme of Time and Trace. The ISST, renowned for its interdisciplinary scope, welcomes contributions from all scholarly, creative, or professional perspectives. Our format features plenary presentations delivered over several days, creating a sustained, interdisciplinary engagement among participants.

If time is a river, it etches its courses through many substrates: physical, biological, social, cognitive. Although we are sensible of the more obvious tracks in our histories, contexts and lives, many of the traces of these are subtle or brief, but no less profound in their making and influence. Etymologically, Trace is tractus (L) (and perhaps tragen (G)), 'drawn', 'pulled' or 'carried', whence 'traction' and 'attraction'. It is also trait (F), 'line', 'outline', 'feature' and 'ri-tratto (I), 'por-trait'; Trace is what happens when a point becomes, in time, a line; and therefore is graphein (Gr.), to trace or draw. It is also traccia (I), 'spoor', 'trail' or 'track'. Tractare (L) is 'to treat' any subject narratively, as in a 'tract' or 'tractate'. Works of literature were also called "brush traces" (hisseki) in Japanese.

We invite scholars, artists and educators to contribute to and co-create an interdisciplinary exploration of 'Time and Trace,' a theme that may stimulate reflection from many fields of inquiry, including (but certainly not limited to): physics & cosmology, geology, chemistry, music, drawing & painting, literature & literary theory, the biological and cognitive sciences, archeology & paleontology, anthropology, engineering, philosophy.

Possible topics:

The trace of social, political, demographic, economic, and historical trends
Traces left by the causes of observed natural events
Tracing the future: from mantic to futurology
Temporal traces, trajectories and forms in narrative
The trace in philosophy
Imprints recorded/archived/reconstructed/anticipated
Psychoanalysis and the temporal trace

Trajectories and orbits in dynamical systems theory
Traces of light, matter, and time in cosmology
Archeological or paleontological traces of life
Changing concepts of how time is measured and traced
Evolution, extinction, and artifacts of change
Chemical or biological traces that evolve over time
Medical traces that are molecular, electrochemical, or topological
Forensic traces in a documentary, financial, or biological sense
vestigia Dei - medieval/early modern perception of the creator's 'footprints'
The ideal of "not leaving traces" - from Buddhism to Environmentalism
A trace or a blaze in its figurative sense as a symbol in ritual or sacrament
The trace as a visible sign of spiritual grace
Artistic and literary orchestrations of traces left or lost

Guidelines and Timeline for Proposals: Proposals will be for 20 – 30 minute presentations in diverse formats: scholarly paper, debate, performance, overview of creative work, installation, workshop. Proposals for interdisciplinary panels are especially welcome (each paper for a panel must be approved by the selection committee). In this latter case, three speakers might present divergent points of view around a central topic, and be responded to by a moderator. All work will be presented in English, and should strike a balance between expertise in an area of specialization and accessibility to a general intellectual audience.

Proposals, approximately 300 words in length, are submitted electronically. The author's name(s) should not appear in the proposal, as the ISST does blind reviewing in selecting papers for its conferences. The deadline for submission is June 30th, 2012, with acceptances communicated by November 1, 2012. The Society also seeks session chairs, whose names will be included on the printed conference program.

To submit proposals, go to the ISST website:
<http://www.studyoftime.org/forms/confsubmit.aspx>

A stylized graphic of a clock face, consisting of a grey circle with a horizontal line through its center and a vertical line through its center. The hands of the clock are represented by small grey triangles. The text 'TIME'S' is positioned above the horizontal line, and 'NEWS' is positioned below it. The number '43' is located to the left of the center, and 'APRIL 2012' is to the right.

TIME'S APRIL 2012
NO. 43
NEWS



TIME'S NEWS
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