

Instrumental Techniques Interchange to 22edo

A. Castilla-Ávila

- -Composer
- -Guitarist
- -Improviser
- -Graphic Artist
- -Author
- -Artistic Researcher

Areas of Work

- -Silence
- -Microtonality
- -Instrumental Techniques' Interchange
- -Transdisciplinarity (NEVERENDINGARTIST)
- -Opera, Choreographies, Theater Plays
- -New Sounds on the Guitar

What can the Instrumental Techniques'
Interchange offer in a 22EDO context?

Instrumental Techniques' Interchange

The goal of my research project is to investigate through my own artistic practice the effects of using techniques on instruments that are traditionally not intended for; either by importing them from other instruments, by exporting them to other instruments, which the instrumentalists do not play or by mixing the techniques or two different instrumentalists on the same instrument.



Importing

24

SUITE AND SOUR V. DANCE

DINZA $\text{♩} = 65 \text{ CA.}$
CON VEVA VOGLIA DI DANZARE, SONORO

FLUTE mp RASQUEANDO WITH QUILL TIP ON THE 5 HIGH KEY PLATE (HOLDING IT LIKE A RECORDER)

OBOE WITHOUT REED
① SLAP TONGUE
② ONLY AIR mp

CLARINET IN B♭
① SLAP TONGUE
② ONLY AIR mp

HORN IN F
① SLAP TONGUE
② ONLY AIR mp

BASSOON
① SLAP TONGUE
② ONLY AIR mp

f

Fl. SINGLE

Oe mp

Cl. mp

Hn. mp

Bsn. (SLAP TONGUE) mp

The Sun of the First Day

[https://www.youtube.com/watch?
v=uKmUebVRdWk](https://www.youtube.com/watch?v=uKmUebVRdWk)

E-Spiritual

<https://www.youtube.com/watch?v=RGe258-hJD4>

Exporting

A PIANO PIECE FOR A GUITAR PLAYER

A. Castilla-Avila

Con tanta calma

With right-hand fingernails pluck on a black key
(imagine that the key was a string).

With right-hand fingernails on the F ♯ 5 and G ♯ 5 keys
(only percussion, avoid hearing the piano notes)

PPPP

pp (left hand)

ppp with the palm of the right hand

p

8.....

With right-hand fingernails on a black key
(like if the key was a string).

PPPP

mp

8.....

With right-hand fingernails on the F ♯ 5 and G ♯ 5 keys (only percussion)

ppp

With the palm of the right hand

8.....

11.....

ppp

f

mp

8.....

A Piano Piece for a Guitar Player



Homage à Trois

<https://www.youtube.com/watch?v=-EehMqeS5jg>



Symbiotic processes

VIOLINES Y GUITARRAS

COMMISSIONED AND DEDICATED TO DLU FONDEVALLER

I

A. CASTILLA-AVILA

MODERATO $\text{♩} = 110$ ca.

VIOLIN (ALL STRINGS PREPARED WITH FLU TAP)

GUITARIST PLAYS VIOLIN (ALL STRINGS PREPARED WITH FLU TAP)

mp

SEMPRE SUL TASTO
P P P P

4

V.L.N.

G.P.N.

7

Alco
PLAY BETWEEN FLU TAP AND TASTO

V.L.N.

G.P.N.

pppp

9

V.L.N.

G.P.N.

mp

Violines y Guitarras

<https://www.youtube.com/watch?v=k5iQnX-bgr0>

Rondò

<https://www.youtube.com/watch?v=Xaax2DVbmgU>

How I do my explorations:

- ***Organological aspects***: Analyzing and comparing of the instruments participating in the interchange.
- ***Technical Historical aspects***: Revising older organological stages of the instruments, especially past instruments common to different ones today.
- ***Choreographic aspects***: Analyzing the movements involved in an instrumental technique and their possible exportation to different instruments.

“Annatavindriya” (2022) for alto flute and two guitars.

Elenora Palu, Alto Flute

Score transcribed

Annatavindriya
For Leonora Palu

A. Castilla-Ávila

Grave $\text{♩} = 55 \text{ ca.}$

The musical score is presented in three systems. The first system (measures 1-5) features the Alto Flute, Guitar I, and Guitar II. The Alto Flute part begins with a *mp* dynamic and includes fingering and breath mark annotations: P4, ^4, P4, m6, P4, ^d5, P4. The guitar parts are marked with *f* and *p* dynamics, and include a *Tambora* section. The second system (measures 6-10) features the Alto Flute, Guitar I, and Guitar II. The Alto Flute part has a *mf* dynamic and includes annotations: m6 M6, P4, ^m2, m6, P4, ^4, m6, ps, p4, M7, P4, M7, m7. The guitar parts include *mf* dynamics and *Side Pizz.* markings. The third system (measures 11-15) features the Alto Flute, Guitar I, and Guitar II. The Alto Flute part has a *mf* dynamic and includes annotations: m2, vM6 m6, vM6 m6, ^m2. The guitar parts include a *mp* dynamic.

“Annatavindriya” (2022)

[https://www.youtube.com/watch?
v=aKYJilmbrBg](https://www.youtube.com/watch?v=aKYJilmbrBg)

List of possibilities, a few examples

- Bowing techniques to guitar, classic or electric (with or without lifting strings using a glass slide as “bridge”).
- Percussionist on guitar (choosing resonance).
- 22EDO electric-guitars installation
- Don't have a 22EDO marimba? “Make” one out of electric guitars (6-7).

4. Questions

Thank you!