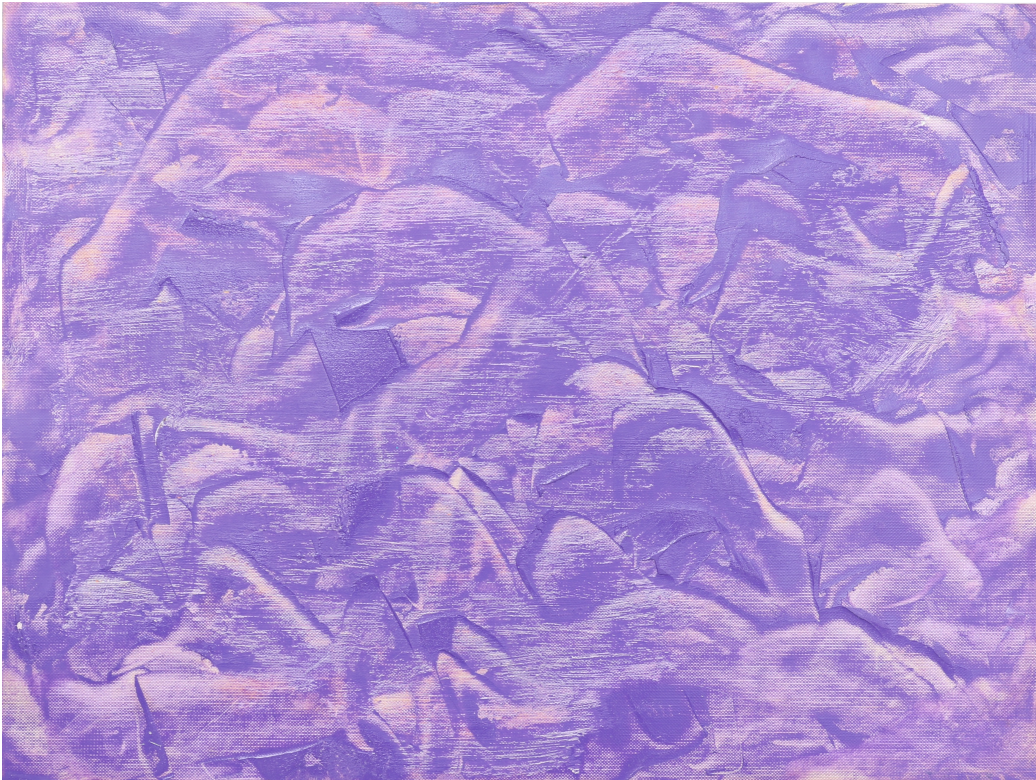




# SCIENCE

107





*In het ontwerp voor "Psychology" is veel ruimte gelaten voor de fantasie van de beschouwer. Om bij de ingetogen klankkleuren in dit deel een passende sfeer te creëren is de afbeelding monochroom uitgevoerd in de mengkleur van blauw en rood.*

### **Science - Psychology**

Science is een compositie van Verklanking, een samenwerkingsverband tussen componist Vincent Cox, wetenschapper Dr. Tim Leufkens en dirigent Frank Marx. Het muziekstuk stelt de vraag 'wat maakt een mens een mens?' centraal. Aan de hand van de verklanking van vier wetenschappen, namelijk natuurkunde, biologie, wiskunde en psychologie wordt gezocht naar een antwoord op de vraag. De compositie heeft naast de vier wetenschappen een introducerend deel, de hypothese, en een afsluitend deel, de falsificatie. De delen heten in volgorde van verschijnen 'Hypothesis', 'Physics', 'Biology', 'Mathematics', 'Psychology' en 'Falsifiability'.

'Psychology' wijkt af van de structuur. De wetenschap van de psyche leent zich beter door juist niet van een structuur gebruik te maken en vooral te genieten van de prachtige klanken van de sopraan. De tekst gaat over de wens van een zoon om nog één keer met zijn overleden vader te kunnen praten.

*Science logo: Roy Wagemans  
Projectie: Harry van Meurs*

**Wil'ste de radio aanzètte?***(Tim Leufkens)*

Wil'ste de radio aanzètte?  
 D'r is een sjiek optrae in d'n hemel.  
 Ich wil 'm nog eine keer heure sjeele.  
 Want ich höb al te lang gein plezeier gehad.

Wat wil'ste heure vanaovend?  
 Dat is mich egaal.  
 Maak niks oet, zaes'te?  
 Neit muigelik, maak ein keus vandaag.

Hae waor neit mee bereikbaar,  
 sjus wie de dónkere kantj van de maon.  
 D'r is eigelik geine dónkere kantj van de maon.  
 Veer lètte geweun neit genóg op.

Wil'ste de radio aanzètte?  
 D'r is ein sjiek optrae in d'n hemel.  
 Ich wil 'm nog eine keer heure kalle.  
 Want ich höb al te lang geine raod gehad.

Wat wil'ste dat 'r zaet vanaovend?  
 Och, es 'r mer mit mich kalt.  
 Es 'r mich mer koosj wieze wat broekbaar is en waat neit.  
 Waat gein beteikenis haet, en waat neit klop.

Ich laot de tied neit zo mer aan mich veurbie gaon.  
 Wachtend op eine lach van de anger.  
 Ich verbeeld mich niks,  
 mer ich kiek altied ómhoog.

Wil'ste de radio aanzètte?  
 D'r is ein sjiek optrae in d'n hemel.  
 Ich wil 'm nog eine keer heure aome.  
 Want ich höb allang gein treus gehad.

Wat wil'ste dat 'r deit vanaovend?  
 Geweun, d'r zeen es 'r kènt.  
 Hae en ich, ligkend in de zón  
 of nao de raege kieke.

Veer höbbe eine geweune daag,  
 zitte aan de keuketaofel,  
 en lache en bäöke.....,  
 .....wiejer niks.

**Puoi accendere la radio?***(Tim Leufkens)*

Puoi accedere la radio?  
 C'è una gran festa lassù in cielo.  
 Ho bisogno di sentirlo suonare un'altra volta.  
 E troppo tempo che ho perso la mia gioia.

Cosa vuoi sentire stasera?  
 Guarda...qualsiasi cosa andrà bene  
 Hai in mente qualche colore?  
 In realtà no decidi te oggi

Ultimamente è stato irraggiungibile  
 come il lato oscuro della luna.  
 A dir la verità non esiste nessun lato oscuro della luna.  
 Siamo noi a non essere abbastanza attenti.

Puoi accendere la radio?  
 C'è una gran festa lassù in cielo.  
 Devo sentirlo parlare ancora una volta.  
 Sono rimasto senza parole troppo a lungo.

Cosa vuoi che ti dica stasera?  
 Qualsiasi cosa purché parli con me  
 Se solo potesse mostrarmi cosa è giusto e cosa no.  
 Cosa è meschino e cosa è marcio.

Non lascerò che il tempo scorra così.  
 Aspettando le sue risate.  
 Non mi immagino niente,  
 ma continuo sempre a guardare lassù.

Puoi accendere la radio stasera?  
 C'è una gran festa lassù in cielo.  
 Devo sentirlo respirare ancora una volta.  
 E da troppo tempo che sono senza certezze

Cosa vuoi che faccia stasera?  
 Solamente che ci sia quando può.  
 Solamente io e lui sdraiati sotto il sole  
 o guardando la pioggia.

Così avremmo il nostro giorno speciale,  
 seduti a tavola,  
 sorridendo e piangendo.....,  
 .....Apri e chiudi.



**Could you turn on the radio?**

*(Tim Leufkens)*

Could you turn on the radio? There is this great gig in the sky.  
I need to hear him play once more. As I have been too long without joy.

What do you want to hear tonight? Really, anything will do.  
Any colour you like you say? Not possible, make up your mind today.

He has been out of reach like the dark side of the moon.  
There is no dark side of the moon really. We're just not paying enough attention.

Could you turn on the radio? There is this great gig in the sky.  
I need to hear him talk once more. As I have been too long without word.

What do you want him to say tonight? As long as he speaks to me.  
If only he could show me what's idle and what's not. What's petty and what's rot.

I do not just let time pass by. Waiting for laughter from the other one.  
I don't imagine scenes, but I'm always looking up.

Could you turn on the radio? There is this great gig in the sky.  
I need to hear him breathe once more. As I have been too long without comfort.

What do you want him to do tonight? Be there when he can.  
Me and him. Lying in the sunshine or watching the rain.

We'll have our ordinary day, sit around the dining table, and smile and cry.  
Open-and-shut.



*Schilderij: Jan Ruigt*



# SCIENCE PSYCHOLOGY

Vincent Cox  
Text: Tim Leufkens

*♩=54*      Har  
*wit*      aroom"Bell

The musical score is for the piece "Science Psychology" by Vincent Cox, with lyrics by Tim Leufkens. It is written in 4/4 time with a tempo of 54 beats per minute. The score includes parts for Crotales Handbell, Glockenspiel, Vibraphone, Marimba 1, 2, and 3, Flute, Soprano Solo, Accordion, and Small Bells. The Marimba parts feature dynamic markings such as *pp*, *p*, *pp cresc.*, *mf dim.*, and *mf*. The Soprano Solo part has a dynamic marking of *mf* and the word "Puoi" at the end. A large diagonal watermark "SCIENCE - PSYCHOLOGY" is overlaid on the score.

1

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

SCIENCE - PSYCHOLOGY

ac-ce-de-re... -o? C'è u-na gran fes-ta las-sù in cie-lo . Ho bi-



12

Crot. H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

sog-no di sen-tir-lc . I - tra vol - ta E trop-po tem-po che ho per-so la mia

16

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

gio - ia

*p cresc f*

*f dim. 6 6 3 p*

*pp*



2 Poco più mosso ♩=60

18

Crot. H.Bl.

Gls.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

*p*

*mf*

*v*

*3*

Co-sa vuoi a? Guar da qual sia-si co-sa an-drà be-ne Hai in men-te qual-che co -

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

lo- re?

ci- di te og - gi

Ul- ti- ma- men- te è stra- to ir- rag- giun- gi

Accord.

Bells  
(ad lib.)

SCIENCE - PSYCHOLOGY

The musical score is arranged in a vertical staff system. At the top, the number '24' is written above the first staff. The instruments listed on the left are: Crot. H.Bl., Glsp., Vib., Mar.1, Mar.2, Mar.3, Fl., S. Solo, Accord., and Bells (ad lib.). The S. Solo part includes lyrics: 'lo- re?', 'ci- di te og - gi', and 'Ul- ti- ma- men- te è stra- to ir- rag- giun- gi'. The score features various musical notations including rests, notes, and triplets (indicated by a '3' above the notes).



28

Crot. H.Bl.

Gisp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

bi - le come .cu - ro del-la lu - na A dir \_\_\_\_\_ la ve-ri-tà non e-

Accord.

Bells (ad lib.)

*mf*

*mf*

*mf*

*poco f*

*mf*

32

Crot. H.Bl.

Gls.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

sis - te os - cu - ro del - la lu - na. Sia - mo noi a non es

Accord.

Bells (ad lib.)

SCIENCE - PSYCHOLOGY

poco rit.

Tempo primo ♩=54

36

Crot. H.Bl. Handbell *p*  $\leftarrow$  *mp*  $\rightarrow$

Glsp. *mp*

Vib. *con arco*

Mar.1 *mf*

Mar.2 *mf*

Mar.3 *mf*

Fl. *mf*

S. Solo *f*

se-re ab-ba-sta' 1-ti Puoi ac-ce-de-re la

Accord. *mf* Ab M

Bells (ad lib.)



39

Crot. H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

ra - di - c u - na gran fes - ta las - sù in cie - lo. De - vo sen -

Accord.

Bells (ad lib.)

41

Crot. H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

tir lo par la re an-  
na vol - ta \_\_\_\_\_ So no ri mas-to sen za pa - ro \_\_\_\_\_ le trop po a

The musical score is for a 4/4 time signature. It features several instruments: Crotonal and Horn in B-flat (Crot. H.Bl.), Gong (Glsp.), Vibraphone (Vib.), three Maracas (Mar.1, Mar.2, Mar.3), Flute (Fl.), Soloist (S. Solo), Accordion (Accord.), and Bells (ad lib.). The Soloist part includes Italian lyrics. The score contains various musical notations such as rests, notes, slurs, and triplets. A large watermark 'SCIENCE - PSYCHOLOGY' is overlaid diagonally across the page.

45

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

lun - go

*cres*

*f dim. 6*

*6 3 p*

pp

3/4

4

Crot. H.Bl.

Gls.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

*pp* *p* *pp* *mp* *cresc.* *mf dim.* *p*

*pp* *p* *pp* *pp cresc.* *mf dim.* *p*

*pp* *p* *pp cresc.* *mf dim.* *p*

*p*



58 *Crotales, con arco* *vibrato*

Crot. H.Bl.

Gisp.

Vib.

Mar.1 *pp*

Mar.2 *pp*

Mar.3 *pp*

Fl. *p* 3 3

S. Solo

Accord. *F*

Bells (ad lib.) *p* church)Bells

5 Poco più mosso ♩=60

64 *vibrato*

Crot. H.Bl. *mp*

Glsp.

Vib.

Mar.1 *p*

Mar.2 *p*

Mar.3 *p*

Fl.

S. Solo *mf*

Accord. *mp*

Bells (ad lib.)

Co-sa vuoi che ti di-ca sta - se-ra? Qual-sia-si

71

Crot.  
H.Bl.

Gisp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

co-sa pur-chí

Se so-lo po - tes-se mos - tra-mi co-sa è gius-to e co-sa

Accord.

Bells  
(ad lib.)

SCIENCE - PSYCHOLOGY

76

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

mallets

*p*

*mp*

*mp*

*mp*

*mp*

*f*

*mf*

no.

Co-s

e co-sa è mar - cio.

Non las-ce-rò che il tem-po sco - ra

SCIENCE - PSYCHOLOGY

80

Crot.  
H.Bl.

Gisp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

co - si. do le su - e ri - sa - te. Non



83

Crot.  
H.Bl.

Gls.

Vib.  
*mf* 5 3

Mar.1  
*mf*

Mar.2  
*mf*

Mar.3  
*mf*

Fl.  
*mf* 10

S. Solo  
mi \_\_\_\_\_ im - ma - gi - no ni -

Accord.

Bells  
(ad lib.)

85

Crot. H.Bl.

Glsp.

Vib. *cresc.* *f*

Mar.1 *cresc.* *po* *p*

Mar.2 *cresc.* *p*

Mar.3 *cresc.*

Fl. *cresc.* *f*

S. Solo *cresc.* - en - te *ff* - te *mf* ma con - ti - nu - o

Accord. *f* *mp*

Bells (ad lib.)

The musical score is arranged in a standard orchestral layout. It includes parts for Crotchet and Horn in B-flat, Glass Harmonica, Vibraphone, three Maracas (1, 2, and 3), Flute, Soloist, Accordion, and Bells (ad libitum). The Soloist part includes the lyrics: "- en - te", "- te", and "ma con - ti - nu - o". The score features various musical notations such as triplets, crescendos, and dynamic markings like *f*, *ff*, *mf*, *mp*, *p*, and *po*.

poco rit.

Tempo primo ♩=54

6

Crotales, con arco

25

88

Crot. H.Bl.

Handbell

Gfsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

sem-pre a guar-da - sù. Puoi ac-ce-de - re la

*p* < *mp* >

*mp* 3

*mp* 3

*mf*

*mf*

*mf*

*mf*

*ff*

*mf*

*mf*

Ab M

91

Crot. H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

*simile*

ra - di-o? u-na gran fes-ta las-sù in cie - lo . De-vo sen -

SCIENCE - PSYCHOLOGY

93

Crot. H.Bl.

Gdsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells (ad lib.)

tir - lo re - spi . co - ra u - na vol - ta E da trop - po tem - po che

96

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

so - en-za cer - tez - za

*cresc.* 6 6

3

3

3



98

The musical score is arranged in a vertical stack of staves. From top to bottom, the staves are: Crotonal (Crot.), Handbell (H.Bl.), Gong (Glsp.), Vibraphone (Vib.), three Maracas (Mar.1, Mar.2, Mar.3), Flute (Fl.), Soloist (S. Solo), Accordion (Accord.), and Bells (ad lib.). The Soloist part includes the lyrics: "Co-sa vuoi che fac-cia sta - se-ra? So-la-". The score includes various musical notations such as dynamics (pp, f dim., p), articulation (accents, slurs), and performance instructions (ad lib.). A large diagonal watermark "SCIENCE - PSYCHOLOGY" is overlaid on the page.

Più mosso

102

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

The musical score is arranged in a vertical staff system. The instruments listed on the left are: Crot. H.Bl., Glsp., Vib., Mar.1, Mar.2, Mar.3, Fl., S. Solo, Accord., and Bells (ad lib.). The score is divided into measures by vertical bar lines. The vocal solo part (S. Solo) includes the lyrics: "men-te", "può. So-la - men - te io e lui". The flute part (Fl.) features a melodic line with triplets and dynamic markings: *p cresc.*, *mf cresc.*, and *f dim.*. The vibraphone part (Vib.) has a rhythmic pattern with dynamic marking *mf*. The maracas parts (Mar.1, Mar.2) have dynamic marking *mf*. The woodwinds (Crot., H.Bl., Glsp.) and strings (Accord., Bells) have rests or simple accompaniment. A large diagonal watermark "SCIENCE - PSYCHOLOGY" is overlaid on the score.

106 **Meno mosso**

Crot. H.Bl.

Glsp. *soft mallets*  
*pp*

Vib.  
*lim.* *ppp*

Mar.1 *ppp*

Mar.2 *ppp*

Mar.3

Fl.

S. Solo *pp (almost whispering)*  
sdrai - a-ti so' - le o guar-dan - do la piog - gia Co - *mp*

Accord.

Bells (ad lib.)

110 **8** Tempo primo ♩=54

Crot. H.Bl.

Gisp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

sì a-vrem me  
 gior no spe cia - le se - du-ti a ta - vo - la sor-ri-den-do e

Accord.

Bells (ad lib.)

SCIENCE - PSYCHOLOGY

**Poco meno mosso**  
*Crotales, con arco*

114

Crot. H.Bl.

Gdsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo  
pi - an - gen - do.

e chiu - di A - pri e

Accord.

Bells  
(ad lib.)

*p*

*dim.*

*pp*

*PF*

*p*

*pp*

*pp*

*Db M*

*Db m*

*Db M*

Crot.  
H.Bl.

Glsp.  
*p*

Vib.  
*p dim.*  
3 3 3

Mar.1  
*p*

Mar.2  
*p*

Mar.3  
*p*

Fl.  
*p*  
6 6

S. Solo  
chIU

Accord.  
*Db m*

Bells  
(ad lib.)

SCIENCE - PSYCHOLOGY



120

Crot.  
H.Bl.

Glsp.

Vib.

Mar.1

Mar.2

Mar.3

Fl.

S. Solo

Accord.

Bells  
(ad lib.)

SCIENCE - PSYCHOLOGY