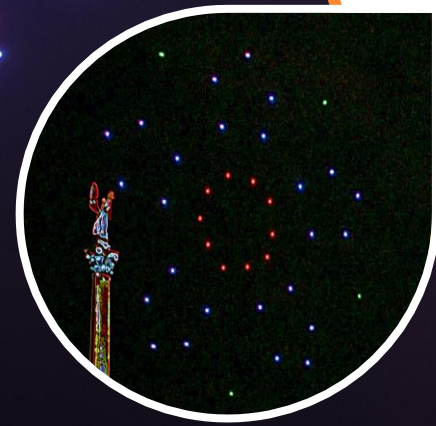
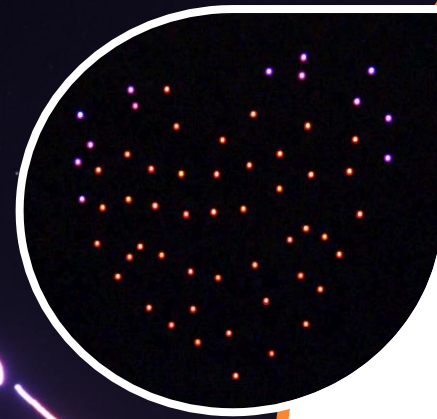
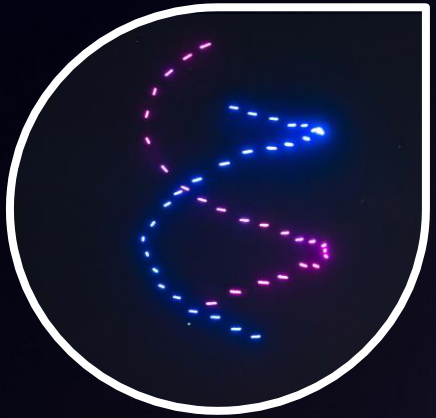


*SPECIAL EFFECTS
IN DRONE ENTERTAINMENT*



DRONE DISPLAYS AND FAR BEYOND



- COLLMOT IS A PIONEER OF AUTONOMOUS DRONE SWARM TECHNOLOGY SUPPORTED BY COLLECTIVE ARTIFICIAL INTELLIGENCE.
- ART AND TECHNOLOGY IS COMBINED IN OUR STUNNING DRONE LIGHT SHOWS AND SPECIAL AERIAL LIGHT EFFECTS.
- WE CONSTANTLY RE-IMAGINE THE ROLE OF DRONES IN ENTERTAINMENT TO OFFER THE MOST VERSATILE SERVICE PORTFOLIO OUTDOORS AND INDOORS ALIKE.
- OUR PERFORMANCES HAVE IMPRESSED MILLIONS FROM ALL AUDIENCES SINCE 2015, INCLUDING THE BRITISH ROYAL FAMILY.



WHY WORK WITH COLLMOT?

RELIABILITY, ENHANCED SECURITY

10 YEARS OF
EXPERIENCE

SCIENTIFIC
BACKGROUND

AUTONOMOUS
DRONE SWARM
TECHNOLOGY

LARGE DRONES, PAYLOADS

REDUCED
WEATHER
RISKS

OPTIMISED FOR
PRESENTING
SPECIAL EFFECTS

CREATIVITY, FLEXIBILITY

CUSTOMISED
ART AND
BRANDING

LET'S DEVELOP
A SHOW ACT
TOGETHER!



RESEARCH ARTICLE | COLLECTIVE BEHAVIOR
Optimized flocking of autonomous
drones in confined environments

Gábor Vásárhelyi^{1,2*}, Csaba Virágh²
+ See all authors and affiliations

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Article Figures & Data Info

Abstract

We address a fundame
collective motion of ae
ensure that large flock
drones seamlessly nav

The numerous
drones seamlessly nav
ensure that large flock
collective motion of ae
We address a fundame

WIRED

SUBSCRIBE

How a Flock of Drones Developed Collective Intelligence

Just like groups of birds or insects,
these drones organize themselves
into cohesive groups—a so-called
"emergent" property of their
individual actions.



DRONE FORMATIONS

OUR SPARKLING DRONE FLEET PERFORMS A ROUTINE OF SHAPES AND ANIMATIONS MADE UP OF LIGHT PIXELS IN THE SKY.



Please click
for video



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for library



Christmas Show at Buckingham Palace, London, UK 2018

ANIMATED SCULPTURES

ARTISTIC 3D ANIMATED
SCULPTURES CAPTURE LIFE-LIKE
MOVEMENTS OF HUMANS,
ANIMALS AND EVEN OBJECTS.



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for video



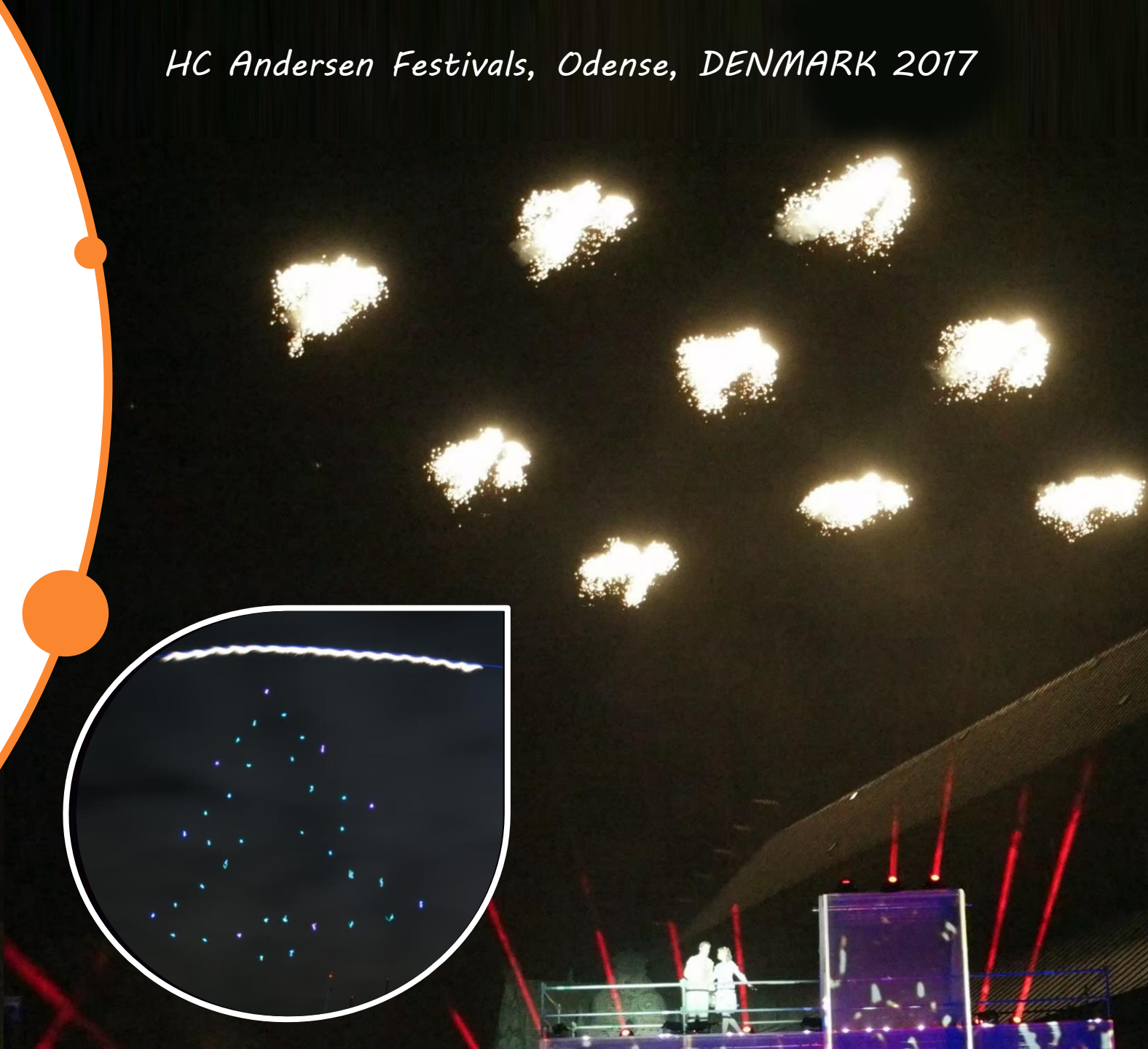
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St Stephen's Day, Budapest, HUNGARY 2018

World's 1st

DRONE-LAUNCHED LIGHT AND PYRO EFFECTS

OUR TAILOR-MADE DRONES ARE CAPABLE OF CARRYING PAYLOAD AND LAUNCHING PYRO OR STRONG LIGHT EFFECTS - LIKE STROBOSCOPE - WHILE MOVING ALONG OVER THE HORIZON.



„INTERACTIVE” PROJECTION MAPPING

World's 1st

REPRESENTING A BRAND NEW FORM OF ART OUR FLYING MACHINES CREATE A VISUAL ACCOMPANIMENT TO VIDEO MAPPING IN A WAY THAT PROJECTED IMAGES SEEM TO RESPOND DYNAMICALLY TO THE DRONES' MOVEMENTS.



Sziget Festival, Budapest, HUNGARY 2015

DANCING WITH DRONES

A PERFECT INTERACTION BETWEEN A SWARM OF DRONES AND A GROUP OF PERFORMING ARTISTS ON STAGE.

LED JUGGLERS, DANCERS, MAGICIANS MOVE IN SYNCH TO MACHINES PRESENTING A CHOREOGRAPHY TOGETHER.



Please click
for video



AERIAL IMAGE PROJECTION

World's 1st

OUR UNPRECEDENTED DRONE-LASER TECHNOLOGY NOW MAKES IT POSSIBLE TO PRESENT ENORMOUS IMAGES AND TEXT MESSAGES IN THE NIGHT SKY.

IMAGINE YOUR 3D LOGO FLOATING HIGH UP IN THE AIR AS AN IMPRESSIVE ADDITION TO YOUR DRONE LIGHT SHOW.



LIGHT PAINTINGS

DRONES TURN INTO A 'PAINTER'S BRUSH' TO DELIVER GIANT SKY PAINTINGS MADE VISIBLE ON PROJECTION SCREENS AND VIA LONG-EXPOSURE PHOTOS.



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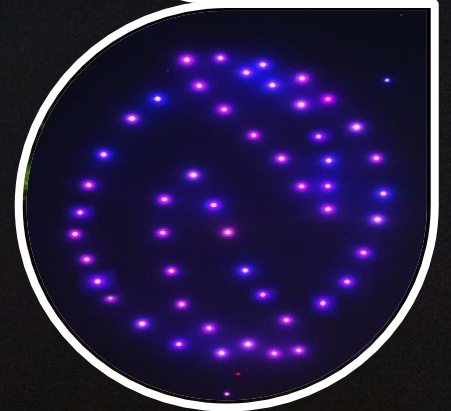
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BRANDING AND CUSTOMISATION

BENEFIT FROM USING A NEW MEANS OF ADVERTISING AND BRAND ACTIVATION.

COMPLETE YOUR SHOW WITH PERSONALISED FORMATIONS, LOGOS, MESSAGES AND MORE.



INDOOR SHOWS

BE IT DRONES ONLY OR „INTERACTIVE” SHOWS WITH PERFORMERS AND VIDEO MAPPING – WE CREATE A LASTING EXPERIENCE.

SPECIAL STUNTS, LIKE SERVING A GLASS OF CHAMPAGNE OR PRESENTING AN AWARD WILL ADD A LITTLE EXTRA SPARKLE ON AN EVENT TO REMEMBER.



INDOOR DRONE ACTIVITIES

DRONE RACING WITH
„COCKPIT CAM” PROJECTION

DRONE SKILL SHOW ON
LUMINOUS OBSTACLE COURSE

DRONE PILOT TRAINING WITH
EASY-TO-USE EDUCATIONAL DRONES

„DRONE PETTING”
INTRODUCING 15 TYPES
OF DIFFERENT COPTERS



KEY FACTS

OUTDOORS

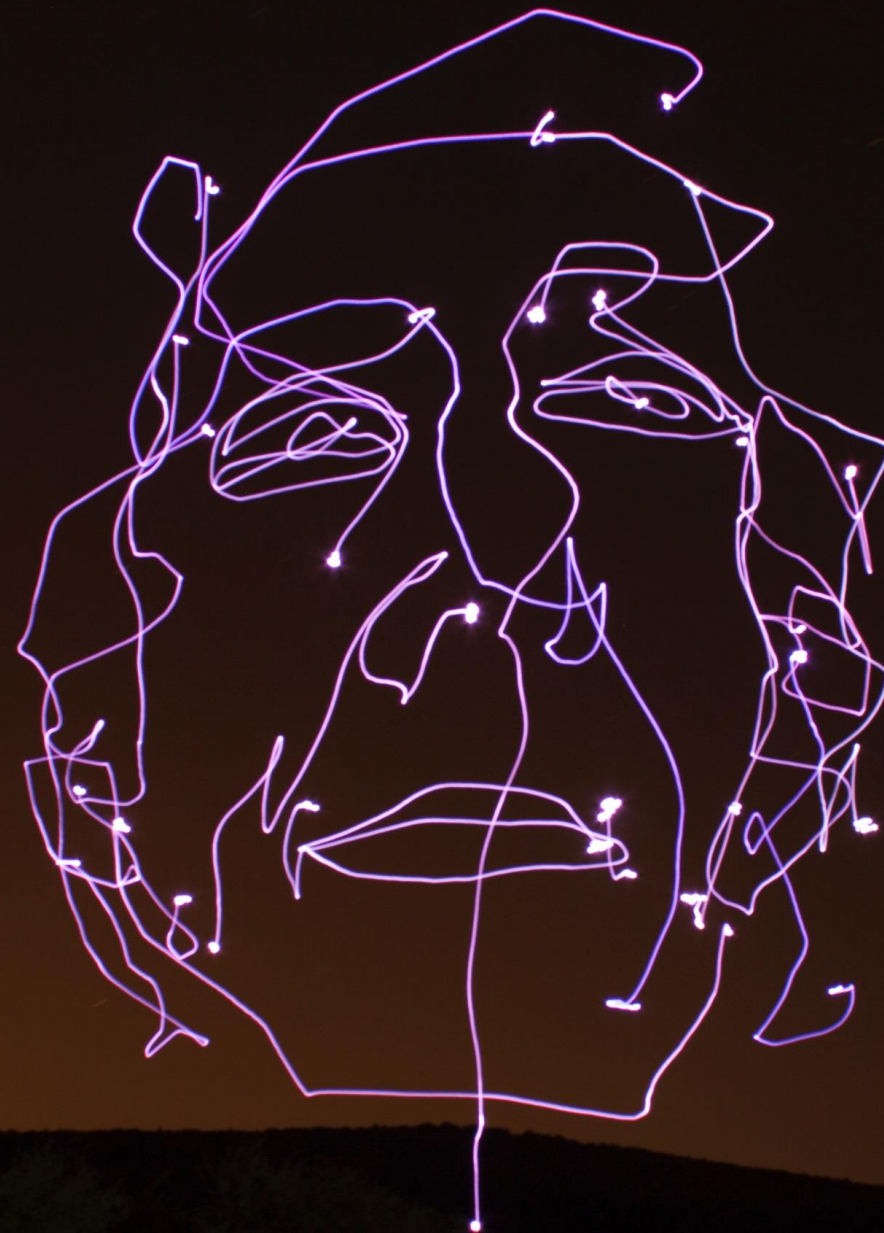
- 6 - 10 MIN. SHOWS.
- UP TO 200 DRONES.
- MODERATE RAIN, -5 °C TEMP., 30 KM/H WIND TOLERANCE
- 45 - 90 DAYS PRODUCTION TIME.

INDOORS

- 3 - 6 - MINUTE SHOWS OR ALL-DAY ACTIVITIES.
- UP TO 30 DRONES.
- 30 - 60 DAYS PRODUCTION TIME.

PROJECTS

LONDON, UK
SHANGHAI, CHINA
ODENSE, DENMARK
BUDAPEST, HUNGARY
CONSTANTA, ROMANIA
STUTT GART, GERMANY
KAOHSIUNG CITY, TAIWAN



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